



Technology
Meets Simplicity

LABORATORY INSTRUMENTS

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"Every minute, someone, somewhere is buying a REMI product in India."

For over **65 years**, **REMI** has built its reputation on reliability, a legacy we're incredibly proud of. Today, we stand as a trusted, globally recognized brand, backed by a vast Pan-India network of over **1000+** dealers and multiple branches. This ensures our products are always available, wherever you are.

Our success is a testament to the continuous support of all our stakeholders. To our channel partners, I extend my heartfelt gratitude. Your hard work and perseverance have been crucial in helping us reach every corner of the country. Your dedication and valuable feedback are our most powerful tools for improvement.

To our customers: You are why we are here. Your satisfaction is the key to our ethos. We are committed to earning your trust by constantly innovating and providing excellent service. Our commitment to delivering technologically advanced products and excellent after-sales service remains as strong as ever. We promise to keep building on this momentum, continuing to be your trusted partner of choice. It is with great pride that I share our new catalogue with you. It details our latest product introductions and the significant upgrades we've made to our existing lines. I invite you to explore it and discover the products that best fit your needs

V. C. Saraf
(Chairman)

About Us

Founded in 1960, REMI with over **14 factories & 2,500 employees**, produces a diverse range of products, including fans & consumer durables, industrial motors, steel pipes, laboratory & healthcare equipment.

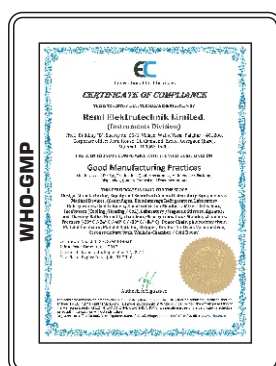
Headquartered in Mumbai, **REMI** is a **leading Indian manufacturer and exporter** of Laboratory & Healthcare equipments, with a diverse global clientele in more than **60 countries**.

REMI's products are essential to universities, research organizations, hospitals, blood banks, path labs and diagnostic centres. The company takes pride in its long history of serving government and public enterprises. At the heart of **REMI's** operations is a deep commitment to its customers, whose feedback drives the continuous innovation and improvement of all products.

With a legacy spanning over **65+ years**, **REMI** is renowned for its commitment to quality, with every product undergoing rigorous in-house checks. As one of India's most trusted brands, **REMI** is also dedicated to environmental responsibility, using initiatives like solar energy and smart manufacturing practices to reduce its carbon footprint.

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Certifications





C - 852



R - 303



C - 854 / 8

Medico / Doctor Centrifuges

These are low priced units meeting the majority of the small capacity centrifuging requirements of medical practitioners, pathological laboratories and hospitals for routine centrifuging tests.

The units are fitted with resiliently mounted motor for vibration free performance having built in 5 step speed regulator. Available with Swing out or Angle rotor.

Technical Data						
Model	C-852	C-854/4	C-854/6	C-854/8	R-303	R-304
Capacity (ml)	4 x15	4 x15	6 x15	8 x15	8 x15	
Type of Rotor	Swing Out				Angle	
No. of Tubes	4	4	6	8	8	
Max. Speed (RPM)	3500	3500	3500	3500	3800	
Max. RCF ('g')	1750	1850	1600	1600	1450	
W x D x H (mm)	295 x 295 x 250	310 x 310 x 295			210 x 210 x 250	
Supply: 220-240 Volts, 50 Hz Single Phase.						

Compact Laboratory Centrifuges

R - 4C Compact model for routine work in medical and industrial laboratories has digital speed indicator and 0-60 minute digital countdown timer.

Salient Features :

- Stepless speed regulator
- Safety Lid interlock to prevent cover opening during centrifugation
- Wide choice of Swing out / Angle rotors and reduction adaptors



R-4C

Technical Data		
Models		R-4C
Max. Speed	rpm	4400
Max. RCF	'g'	2350
Max. Capacity	ml	200
W x D x H	mm	330 x 370 x 295

Supply: 220-240 Volts, 50 Hz Single Phase.

Rotor Listing				Reduction Adaptors (With Glass Tubes)					
Models	Capacity	Max. Speed	Max. RCF	RE 50-15RR (OLD RA-501)	RA-502	RA-151	RE 15-3R (OLD RA-152)	RE 15-5R (OLD RA-153)	RE 15-8R (OLD RA-154)
		RPM	'g'	(1 x 15ml)	(1 x 30ml)	(1 x 15ml)	(1 x 3ml)	(1 x 5ml)	(1 x 8ml)
Swing out Rotors (with glass tubes)									
R-41	8 x 15ml	3500	1850	X	X	X	✓	✓	✓
R-42	4 x 50ml	3500	1850	✓	✓	✓	X	X	X
Angle Rotors (with polypropylene tubes)									
R-43	8 x 15ml	4400	2340	X	X	✓	✓	✓	✓
R-44	4 x 50ml	4200	2350	✓	✓	X	X	X	X

Specifications subject to change without notice

**ZERO
COMPROMISE MODELS**

- BRUSHLESS
- ECONOMICAL



Medico Plus

The most popular model is now available with brushless motor, door safety interlock, digital speed indicator and timer. Ideal for routine centrifuging requirements of medical practitioners, diagnostic laboratories and hospitals.

Salient Features :

- Brushless induction motor
- Speed control through VFD
- Microprocessor controller
- Feather touch keys
- Smooth and soft start
- LED display
- Lid interlock
- Dynamic brake
- Imbalance detection
- Emergency lid opening
- Accurate speed ± 10 RPM
- Timer upto 99 minutes
- Last parameter recall
- Calibration window
- Elegant lid and front panel
- Choice of swingout / Angle rotors

Nomenclature method of Rotors

Alphabets in beginning	Numbers in middle
A= Fixed angle rotor	1st numerical = Quantity per insert
S= Swing out rotor	2nd numerical = Tube capacity (ml)

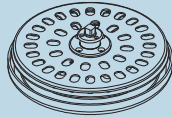
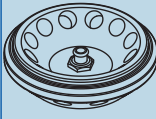
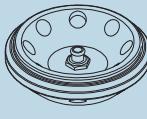
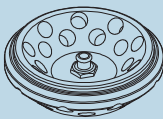
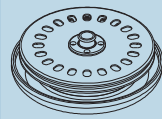
Technical Data

Models		Medico Plus
Capacity	ml	300 ml
Max. Speed	RPM	4000
Max. RCF	'g'	2380
W x D x H	mm	320 x 420 x 280

Supply: 220-240 Volts, 50 Hz Single Phase.

Rotors are supplied with suitable SS tubes as carriers

Image of Swing Out Rotors			
Model	SM 4-50	SM 8-15	SM 6-15
Max speed RPM	4000	4000	4000
Max RCF (g)	2220	2370	2380
Image of Tube			
Tube Capacity (ml)	50	15	15
Type of Tube	Glass	Glass	Conical
Insert or Cushion No.	C 50R Included	C 15R Included	C 15F
No of tubes/Insert	1	1	1
No of tubes/rotor	4	8	6
Ø x L (mm)	30 x 110	17 x 110	16.5 x 120
Tubes supplied	Yes	Yes	No

Image of Angle Rotors										
Model	AM 36-5		AM 6-50				AM 12-15	AM 8-15	AM 18-10	AM 20-5
Max speed RPM	4000		4000				4000	4000	4000	4000
Max RCF (g)	2040		2160				2180	2180	2090	2090
Image of Tube										
Tube Capacity (ml)	5	5/7	50	50	50	15	15	15	10	5/7
Type of Tube	Glass	Blood Collection Tube (Short)	Plastic	Conical	Glass	Conical	Glass	Conical	Blood Collection Tube	Blood Collection Tube (Long)
Insert or Cushion No.	No	No	C 50R Included	C 50F	C 50R Included	RE 50-15FR (OLD-RA-501F)	C 15R Included	C 15F	No	No
No of tubes/Insert	-	-	1	1	1	1	1	1	-	-
No of tubes/rotor	36	36	6	6	6	6	12	8	18	20
Ø x L (mm)	12 x 75	12.5 x 81	30 x 100	29 x 116	30 x 110	16.5 x 120	17 x 110	16.5 x 120	15.5 x 106	12.5 x 106
Tubes supplied	No	No	Yes	No	No	No	Yes	No	No	No

Specifications subject to change without notice

R - 8K

Special Purpose Centrifuge:

R-8K Centrifuge incorporates stepless Speed Regulator, digital Timer and speed meter. It has been designed specifically to suit the following special applications.

- 1) Test of Infant Milk Food as per IS:1547:1985 for determination of solubility index in Infant Milk Foods.
- 2) For determination of Insolubility Index of dried milk and dried Milk products as per IS: 12759:1989.
- 3) For determination of Sulphates in Chrome solution.

Technical Data		
Models		R - 8K
Max Speed	rpm	4800
Max. RCF	'g'	3730
Max. Capacity	ml	200
W x D x H	mm	400 x 420 x 315

Supply: 220-240 Volts 50 Hz Single Phase.

Rotor Listing			
Models	Description	Max. Speed RPM	Max. RCF 'g'
R-80	8 place Swing Out Rotor with Glass Tubes suitable for determination of Dust concentrate in Diesel Fuel Filters	4400	3240
R-86	4 place Swing Out Rotor with Glass Tubes suitable for determination of Solubility index in infant milk foods & insolubility index of dried milk & dried milk products	4800	3730
R-87	4 place Swing Out Rotor with Glass Tubes suitable for determination of sulphate in chrome plating solution	4300	3260

Laboratory Centrifuges

R-8C is suitable for routine sample analysis in Medical, Hospital, Pathology and Institutional laboratories. With a wide choice of rotor heads and adaptors, this unit are truly versatile.

Micro Centrifuges

RM-12C is ideal for growing routine application in biochemical and clinical labs, for Hematocrit, Corpuscle Percentage contents in blood, Serum analysis and precipitate separation etc.

Salient features :

- Digital Speed Indicator
- Stepless speed regulator
- 0-99 minutes digital countdown timer
- Imbalance detector with cut off
- Safety Lid interlock to prevent cover opening during centrifugation
- Press Switch for quick acceleration to full speed (RM-12C)



R - 8C

Technical Data			
Models		R-8C	RM-12C
Max Speed	rpm	5250	16000
Max. RCF	'g'	3800	16600
Max. Capacity	ml	300	40
W x D x H	mm	365 x 415 x 310	280 x 350 x 290

Supply: 220-240 Volts 50 Hz Single Phase.

Specifications subject to change without notice

Rotor Listing for R-8C

Models	Capacity	Max. Speed RPM	Max. RCF 'g'	Max. Speed RPM	Max. RCF 'g'	Models	Capacity	Max. Speed RPM	Max. RCF 'g'	Max. Speed RPM	Max. RCF 'g'
		R-8C BL		R-8C				R-8C BL		R-8C	
Swing out Rotors {with graduated glass tubes}						Angle Rotors {with polypropylene tubes}					
R-81	16x15 ml	4500	3485	4000	2750	R-83	16x15 ml	6000	5000	5250	3800
R-81 A	12x15 ml	4500	3485	4000	2750	R-83 A	12x15 ml	6000	5000	5250	3800
R-81 B	8x15 ml	4500	3440	4200	3000	R-83 B	8x15 ml	6000	4700	5250	3600
R-82	6x50 ml	4500	3530	4000	2800	R-84	6x50 ml	6000	4870	5250	3730
R-82 A	4x50 ml	4500	3485	4000	2750	R-84 A	4x50 ml	6000	4730	5250	3620
R-90 (With Biosafety Cap)	4x100 ml	4000	2500	-	-	R-89	24x15 ml	6000	5070	-	-
				-	-	R-88	4x100 ml	6000	4750	-	-

Reduction Adaptors for R-8C

Models	Capacity	R-81	R-81A	R-81B	R-82	R-82A	R-83	R-83A	R-83B	R-84	R-84A	R-88	R-89	R-90
RA-151	1 x wintrob	Discontinued												
RE 15-3R (OLD - RA-152)	1 x 3ml	✓	✓	✓	✗	✗	✓	✓	✓	✗	✗	✗	✓	✗
RE 15-5R (OLD - RA-153)	1 x 5ml	✓	✓	✓	✗	✗	✓	✓	✓	✗	✗	✗	✓	✗
RE 15-8R (OLD - RA-154)	1 x 8ml	✓	✓	✓	✗	✗	✓	✓	✓	✗	✗	✗	✓	✗
RA-155	1 x 4ml	Discontinued												
RE 15-6R (OLD - RA-156)	1 x 6ml	✓	✓	✓	✗	✗	✓	✓	✓	✗	✗	✗	✓	✗
RE 100-50 (OLD - RA-157)	1 x 50ml	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
RA-158	1 x 30ml	Discontinued												
RA-160	1 x 15ml	Discontinued												
RE 100-50RR (OLD - RA-161)	1 x 50ml	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗
RE 100-15R(3) (OLD - RA-166)	3 x 15ml	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓
RE 50-15RR (OLD - RA-501)	1 x 15ml	✗	✗	✗	✓	✓	✗	✗	✗	✓	✓	✗	✗	✗
RA-502	1 x 30ml	Discontinued												
Suitable for Conical Tubes (Without Tubes)														
RE 50-15FR (OLD - RA-501F)	1 x 15ml	✗	✗	✗	✓	✓	✗	✗	✗	✓	✓	✗	✗	✗
RE 100-15FR (OLD - RA-160F)	1 x 15ml	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓
RE 100-50FR (OLD - RA-161F)	1 x 50ml	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓
Suitable for Blood Collection Tubes (Without Tubes)														
RE 15-5/7SR (OLD - RA-162)	1 x upto 5/7ml (81 mm long)	✓	✓	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗
RE 15-5/7LR (OLD - RA-163)	1 x upto 5/7ml (106 mm long)	✓	✓	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗
RE 50-10R (OLD - RA-164)	1x upto 10ml (106 mm long)	✗	✗	✗	✓	✓	✗	✗	✗	✓	✓	✗	✗	✗
RE 100-5/7L(4) (OLD - RA-167)	4 x upto 5/7ml (106 mm long)	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓
RE 100-10(3) (OLD - RA-168)	3 x upto 10ml (106 mm long)	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓

Rotors Listing for RM-12C

Models	Capacity	Max. Speed RPM	Max. RCF 'g'
RM-1210	Micro Hematocrit Rotor for 24 Capillaries (75 X 1 mm)	12000	15300
RM-1211	Micro Hematocrit Rotor for 12 capillaries (QBC -II Plus)	12000	15300
RM-1212	Heparinized capillary tubes (75mm x 1 mm bore)		
RM-1213	Reading Device for RM-1210		
Angle Rotors			
RM-1214	10 X 2ml with Glass Tubes & reduction adaptors of 1ml & 0.5ml	16000	16600
RM-1215	24 X 1.5ml with Tapered bottom Polypropylene tubes & reduction adaptors of 0.5ml & 0.2ml	11850	12715
RM-1216	8 X 5ml with round bottom Polypropylene tubes & reduction adaptors of 4ml & 2ml	11850	13500
RM-1217	4 strips of 8 X 0.2ml (PCR Strip Tubes)	12000	11910

Specifications subject to change without notice



R-8C Plus



R-8M Plus

Laboratory Centrifuges model R-8C Plus & R-8M Plus are suitable for routine sample analysis in Medical, Hospital, Pathology and heads and adaptors, those units are truly versatile.

Micro Centrifuges models R-12C Plus are ideal for growing routine application in biochemical and clinical labs, for Haematocrit, Corpuscle Percentage contents in blood, Serum analysis and precipitate separation etc.

Salient Features:

- Automatic rotor identification, ensures operator safety
- Stainless Steel centrifuge Chamber, easy to clean
- Brushless Induction motor with variable frequency drive
- Microprocessor controller with digital display
- Stable speed output even under unstable voltage conditions
- Smooth & soft start
- Inverter fault detection with auto shutdown
- 7 segment LED display of speed (R-8C Plus/R-12C Plus)
- Alphanumeric LCD display of speed & RCF (R-8M Plus)
- Selection of 3 acceleration & deceleration profiles (R-8M Plus)
- Digital countdown timer & continuous run
- Safety lid interlock to prevent lid opening during centrifugation
- Imbalance detection & centrifugation stop with display of error
- Dynamic brake for quick deceleration
- Motor overload protection
- Gas hinge to prevent door falling
- Emergency lid lock release
- Last set parameters recall (Useful for repetitive analysis)
- Wide variety of rotors & reduction adaptors
- Spin mode (R-12C Plus)

Technical Data			
Models		R-8C Plus R-8M Plus	R-12C Plus
Max. Speed	rpm	6000	16000
Max. RCF	'g'	5070	25900
Max. Capacity	ml	400	60
Digital timer range	Min	0-99	0-99
Noise		≤ 60 dB	≤ 60 dB
WxDxH	mm	390x470x290	390x470x290

Supply: 220-240Volts 50 Hz Single Phase.

Specifications subject to change without notice



Swing Out Rotors for R-8C Plus & R-8M Plus

Image of Tube	 Swing Out Rotor S 4-100 Max. Speed RPM 4000 Max RCF (g) 2500				Metal Buckets suitable for Swing Out Rotor S 4-100						
					B 100			B 9-5			
Image of Tube											
Tube Capacity (ml)	100	100	50	50	50	30	15	15	10	5/7	5/7
Type of Tube	Glass	Nalgene® Oak Ridge	Glass	Conical	Nalgene® Oak Ridge	Nalgene® Oak Ridge	Glass	Conical	Blood Collection Tube	Blood Collection Tube (Long)	Blood Collection Tube (Short)
Bucket No.	B 100	B 100	B 100	B 100	B 100	B 100	B 100	B 100	B 100	B 100	B 9-5
Insert or Cushion No.	C 100R Included	I 100N	RE 100-50 (OLD - RA-157)	RE 100-50FR (OLD - RA-161F)	RE 100-50N	RE 100-30N	RE 100-15R(3) (OLD - RA-166)	RE 100-15FR (OLD - RA-160F)	RE 100-10(3) (OLD - RA-168)	RE 100-5/7L(4) (OLD - RA-167)	-
No of tubes/Insert	1	1	1	1	1	1	3	1	3	4	9
No of tubes/rotor	4	4	4	4	4	4	12	4	12	16	36
Ø x L (mm)	45.5 x 104	38 x 108.5	30 x 110	29 x 116	28 x 111	25 x 97	17 x 110	16.5 x 120	15.5 x 106	12.5 x 106	12.5 x 81
Tubes supplied	Yes	No	Yes	No	No	No	Yes	No	No	No	No

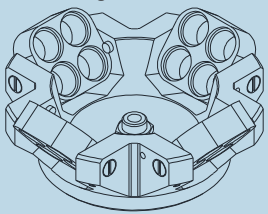
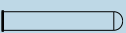
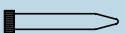
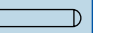
Swing Out Rotor S 4-100 with Max. speed of 4500rpm, Max rcf (g) 3170 also available on Request

Swing Out Rotor S 8-15 Max. Speed RPM 4500 Max RCF (g) 3440 	Image of Tube							
	Tube Capacity (ml)	15	15	8	5/7	5/7	5	3
	Type of Tube	Glass	Conical	Glass	Blood Collection Tube(Long)	Blood Collection Tube (Short)	Glass	Glass
	Insert or Cushion No.	C 15R Included	C 15F	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-5R (OLD - RA-153)	RE 15-3R (OLD - RA-152)
	No of tubes/Insert	1	1	1	1	1	1	1
	No of tubes/rotor	8	8	8	8	8	8	8
	Ø x L (mm)	17 x 110	16.5 x 120	12 x 100	12.5 x 106	12.5 x 81	12 x 75	10 x 75
	Tubes supplied	Yes	No	Yes	No	No	Yes	Yes

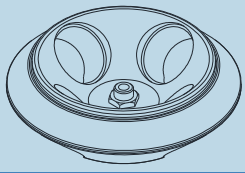
Swing Out Rotor S 6-50 Max. Speed RPM 4500 Max RCF (g) 3530 	Image of Tube							
	Tube Capacity (ml)	50	50	50	30	15	15	10
	Type of Tube	Glass	Conical	Nalgene® Oak Ridge	Nalgene® Oak Ridge	Conical	Glass	Blood Collection Tube
	Insert or Cushion No.	C 50R Included	C 50F	I 50N	RE 50-30NS	RE 50-15FR (OLD - RA-501F)	RE 50-15RR (OLD - RA-501)	RE 50-10R (OLD - RA-164)
	No of tubes/Insert	1	1	1	1	1	1	1
	No of tubes/rotor	6	6	6	6	6	6	6
	Ø x L (mm)	30 x 110	29 x 116	28 x 111	25 x 97	16.5 x 120	17 x 110	15.5 x 106
	Tubes supplied	Yes	No	No	No	No	Yes	No

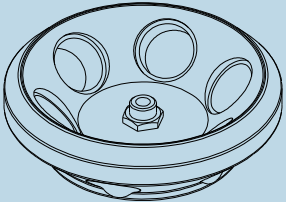
Swing Out Rotor S 24-15 Max. Speed RPM 4500 Max RCF (g) 3330 	Image of Tube						
	Tube Capacity (ml)	15	8	5/7	5/7	5	3
	Type of Tube	Glass	Glass	Blood Collection Tube(Long)	Blood Collection Tube (Short)	Glass	Glass
	Insert or Cushion No.	C 15R Included	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-5R (OLD - RA-153)	RE 15-3R (OLD - RA-152)
	No of tubes/Insert	1	1	1	1	1	1
	No of tubes/rotor	24	24	24	24	24	24
	Ø x L (mm)	17 x 110	12 x 100	12.5 x 106	12.5 x 81	12 x 75	10 x 75
	Tubes supplied	Yes	Yes	No	No	Yes	Yes

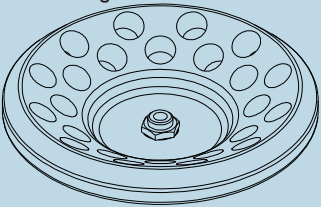
Specifications subject to change without notice

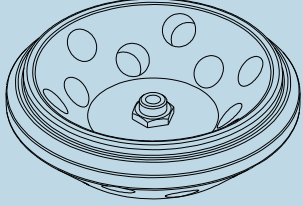
Swing Out Rotor S 16-15 Max. Speed RPM 4500 Max RCF (g) 3400 	Image of Tube							
	Tube Capacity (ml)	15	15	8	5/7	5/7	5	3
	Type of Tube	Glass	Conical	Glass	Blood Collection Tube (Long)	Blood Collection Tube (Short)	Glass	Glass
	Insert or Cushion No.	C 15R Included	C 15F	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-5R (OLD - RA-153)	RE 15-3R (OLD - RA-152)
	No of tubes/Insert	1	1	1	1	1	1	1
	No of tubes/rotor	16	16	16	16	16	16	16
	Ø x L (mm)	17 x 110	16.5 x 120	12 x 100	12.5 x 106	12.5 x 81	12 x 75	10 x 75
	Tubes supplied	Yes	No	Yes	No	No	Yes	Yes

Angle Rotors for R-8C Plus & R-8M Plus

 Angle Rotor A 4-100 Max. Speed RPM 6000 Max RCF (g) 4750	Image of Tube											
	Tube Capacity (ml)	100	100	50	50	50	30	15	15	15	10	5/7
	Type of Tube	Plastic	Nalgene® Oak Ridge	Conical	Glass	Nalgene® Oak Ridge	Nalgene® Oak Ridge	Glass	Glass	Conical	Blood Collection Tube	Blood Collection Tube (Long)
	Insert or Cushion No.	C 100R Included	I 100NR	RE 100-50FR (OLD - RA-161F)	RE 100-50RR (OLD - RA-161)	RE 100-50NR	RE 100-30NR	(OLD - RA-160)	RE 100-15R(3) (OLD - RA-166)	RE 100-15FR (OLD - RA-160F)	RE 100-10(3) (OLD - RA-168)	RE 100-5/7L(4) (OLD - RA-167)
	No of tubes/Insert	1	1	1	1	1	1	1	3	1	3	4
	No of tubes/rotor	4	4	4	4	4	4	4	12	4	12	16
	Ø x L (mm)	45.5 x 104	38 x 108.5	29 x 116	30 x 110	28 x 111	25 x 97	17 x 110	17 x 110	16.5 x 120	15.5 x 106	12.5 x 106
	Tubes supplied	Yes	No	No	Yes	No	No	Yes	Yes	No	No	No

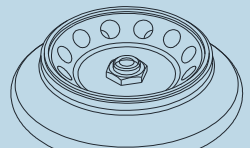
Angle Rotor AR 6-50 Max. Speed RPM 6000 Max RCF (g) 4870 	Image of Tube								
	Tube Capacity (ml)	50	50	50	30	15	15	15	10
	Type of Tube	Plastic	Conical	Nalgene® Oak Ridge	Nalgene® Oak Ridge	Glass	Conical	Blood Collection Tube	Blood Collection Tube
	Insert or Cushion No.	C 50R Included	C 50F	I 50N	RE 50-30NL	RE 50-15RR (OLD - RA-501)	RE 50-15FR (OLD-RA-501F)	RE 50-10R (OLD-RA-164)	RE 50-10R (OLD-RA-164)
	No of tubes/Insert	1	1	1	1	1	1	1	1
	No of tubes/rotor	6	6	6	6	6	6	6	6
	Ø x L (mm)	30 x 100	29 x 116	28 x 111	25 x 97	17 x 110	16.5 x 120	15.5 x 106	15.5 x 106
	Tubes supplied	Yes	No	No	No	Yes	No	No	No

Angle Rotor A 24-15 Max. Speed RPM 6000 Max RCF (g) 5070 	Image of Tube								
	Tube Capacity (ml)	15	15	8	5/7	5/7	5	3	3
	Type of Tube	Plastic	Conical	Glass	Blood Collection Tube (Long)	Blood Collection Tube (Short)	Glass	Glass	Glass
	Insert or Cushion No.	C 15R Included	C 15F	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-5R (OLD - RA-153)	RE 15-3R (OLD - RA-152)	RE 15-3R (OLD - RA-152)
	No of tubes/Insert	1	1	1	1	1	1	1	1
	No of tubes/rotor	24	24	24	24	24	24	24	24
	Ø x L (mm)	17 x 102	16.5 x 120	12 x 100	12.5 x 106	12.5 x 81	12 x 75	10 x 75	10 x 75
	Tubes supplied	Yes	No	Yes	No	No	Yes	Yes	Yes

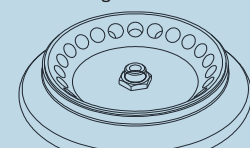
Angle Rotor A 12-15 Max. Speed RPM 6000 Max RCF (g) 5000 	Image of Tube								
	Tube Capacity (ml)	15	15	8	5/7	5/7	5	3	3
	Type of Tube	Plastic	Conical	Glass	Blood Collection Tube (Long)	Blood Collection Tube (Short)	Glass	Glass	Glass
	Insert or Cushion No.	C 15R Included	C 15F	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-5R (OLD - RA-153)	RE 15-3R (OLD - RA-152)	RE 15-3R (OLD - RA-152)
	No of tubes/Insert	1	1	1	1	1	1	1	1
	No of tubes/rotor	12	12	12	12	12	12	12	12
	Ø x L (mm)	17 x 102	16.5 x 120	12 x 100	12.5 x 106	12.5 x 81	12 x 75	10 x 75	10 x 75
	Tubes supplied	Yes	No	Yes	No	No	Yes	Yes	Yes

Specifications subject to change without notice

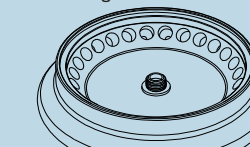
Angle Rotors for R-12C Plus

Angle Rotor AR 12-2 Max speed RPM 16000 Max RCF (g) 17200 	Image of Tube				
	Tube Capacity (ml)	2	1	0.5	0.2
	Type of Tube	Micro	Micro	Micro	Micro
	Insert or Cushion No.	No	RE 2-1	RE 2-05	RE 2-02
	No of tubes/Insert	-	1	1	1
	No of tubes/rotor	12	12	12	12
	Ø x L (mm)	11 x 41	7.5 x 49	7.5 x 31	6 x 22
	Tubes supplied	No	No	No	No

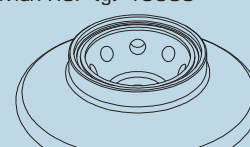
(Rotor supplied with all suitable inserts)

Angle Rotor AR 24-2 Max speed RPM 15000 Max RCF (g) 21000 	Image of Tube			
	Tube Capacity (ml)	2	0.5	0.2
	Type of Tube	Micro	Micro	Micro
	Insert or Cushion No.	No	RE 2-05	RE 2-02
	No of tubes/Insert	-	1	1
	No of tubes/rotor	24	24	24
	Ø x L (mm)	11 x 41	7.5 x 31	6 x 22
	Tubes supplied	No	No	No

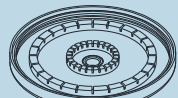
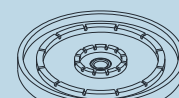
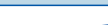
(Rotor supplied with all suitable inserts)

Angle Rotor AR 28-1.5 Max speed RPM 16000 Max RCF (g) 25900 	Image of Tube			
	Tube Capacity (ml)	1.5	0.5	0.2
	Type of Tube	Micro	Micro	Micro
	Insert or Cushion No.	No	RE 2-05	RE 2-02
	No of tubes/Insert	-	1	1
	No of tubes/rotor	28	28	28
	Ø x L (mm)	11 x 41	7.5 x 31	6 x 22
	Tubes supplied	No	No	No

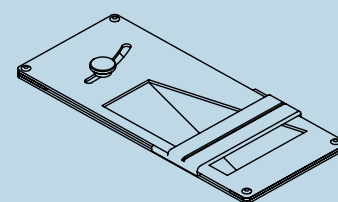
(Rotor supplied with all suitable inserts)

Angle Rotor AR 8-5 Max speed RPM 11850 Max RCF (g) 13500 	Image of Tube			
	Tube Capacity (ml)	5	4	2
	Type of Tube	Plastic	Plastic	Micro
	Insert or Cushion No.	No	RE 5-4	RE 5-2
	No of tubes/Insert	-	1	1
	No of tubes/rotor	8	8	8
	Ø x L (mm)	12 x 76	10 x 75	11 x 41
	Tubes supplied	No	No	No

(Rotor supplied with all suitable inserts)

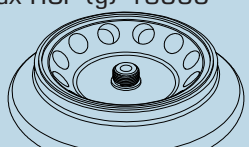
Image of Angle Rotors			
Model	AR 24-75 HE	AR 12-75 HE	P 4-8
Max speed RPM	12000	12000	15000
Max RCF (g)	15300	15300	21000
Image of Tube			
Tube Capacity (ml)	-	-	4 strips of 8 PCR
Type of Tube	Capillary	Capillary QBC-II Plus	PCR
No of tubes/rotor	24	12	4
Ø x L (mm)	1 x 75	-	6 x 78
Tubes supplied	Yes	No	No

Reading Device RD 24-75



W x D x H

127 x 84 x 18

Angle Rotor AR 12-5 Max speed RPM 13000 Max RCF (g) 16000 	Image of Tube	
	Tube Capacity (ml)	5
	Type of Tube	Micro
	Insert or Cushion No.	No
	No of tubes/Insert	-
	No of tubes/rotor	12
	Ø x L (mm)	16 x 59
	Tubes supplied	No

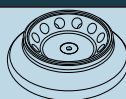
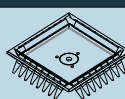
Specifications subject to change without notice



RM-03 Pro

Salient Features for RM-03 Pro:

- 9 Memory programs
- Safety lid lock to prevent running unless lid is closed
- LCD display of parameters
- BLDC Motor
- Supplied with 2 Rotors
- Safety over temperature cut-off for sample protection

Rotors for RM-03 Pro				
 Micro Tube Rotor Max speed RPM 14500 Max RCF (g) 14104		 4 Strips PCR Rotor Max. Speed RPM 14500 Max RCF (g) 12576		
Image of Tube				Image of Tube
Tube Capacity (ml)	2	0.5	0.2	4 Strips of 8 x 0.2
Type of Tube	Micro	Micro	Micro	PCR
Insert Supplied	No	Yes	Yes	No
No. of tubes/Insert	-	1	1	4
No. of tubes/rotor	12	12	12	6 x 78
Ø x L (mm)	11 x 41	7.5 x 31	6 x 22	No
Tubes supplied	No	No	No	No

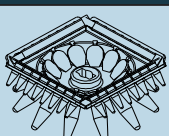
(Rotor supplied with all suitable inserts)

Technical Data	
Model	RM-03 Pro
Max Speed	14500rpm
Max. RCF	14100g
Rotor Supplied	Micro tube rotor, PCR strip rotor
Timer range	30secs-59min
No. of Programs	9
Dimension (WxDxH) (mm)	180x270x105

Supply: 220-240 Volts, 50 Hz Single Phase.

Mini Centrifuges

- **Salient Features for RM-02 Pro**
- Higher Speed upto 7000 RPM
- Multi-rotor, more working capacity
- Low Centre of gravity for stable operation
- High frequency and wide voltage
- Low noise
- Supplied with Hybrid Rotor-accommodates microtubes & PCR Strips

Rotor for RM-02 Pro				
 Micro Hybrid Rotor Max speed RPM 7000 Max RCF (g) 3280				
Image of Tube				Image of Tube
Tube Capacity (ml)	2 / 1.5	0.5	0.2	4 Strips of 8 x 0.2
Type of Tube	Micro	Micro	Micro	PCR
Insert Supplied	No	Yes	Yes	No
No. of tubes/Insert	-	1	1	-
No. of tubes/rotor	12	12	12	4
Ø x L (mm)	11 x 41	7.5 x 31	6 x 22	6 x 78
Tube supplied	No	No	No	No

(Rotor supplied with all suitable inserts)



RM-02 Pro

Technical Data	
Model	RM-02 Pro
Control Mode	Digital Display & Button
Max Speed	7000rpm
Max RCF	3280xg
Timer Range	10sec-99min
Dimension (W x D x H) (mm)	180 x 185 x 135

Supply: 220-240 Volts, 50 Hz Single Phase

Specifications subject to change without notice



RM-03 Plus

Salient Features:

- Microprocessor controlled with last run memory feature
- Large back - lit LCD display shows multiple

parameters at a time

- Brushless DC motor - maintenance free
- Imbalance detection with auto cut off
- Lid lock safety
- Intuitive simple interface for quick and convenient setting
- 1 to 999 Mins countdown timer with Min sec display
- One touch Short- Spin operation
- Unique airflow design - ensures lesser heat generation and lesser noise
- Rotor, inner centrifuge lid and lid latch are made of metal for maximum operational safety
- Soft – touch lid closure for ergonomic lid locking
- Settable RPM/RCF

Technical Data	
Specifications	RM-03 Plus
Rotor Capacity	12 place closed rotor with metal safety lid
Maximum Speed RPM / RCF (g)	15000 rpm / 15596 g
Imbalance detection	Imbalance Detection with auto cut - off
Speed / Time setting	500 to 15000 RPM / Min-Sec timer
Dimensions (WxDxH) in mm	230 x 262 x 131 mm
Rotors and Adaptors (included in standard pack)	12 place x 1.5/2.0 ml microtubes
	Reduction Adaptors for 0.4/0.5 ml microtubes
	PCR Strip Rotor (2 x 8 x 0.2 ml with metal safety lid)
Supply: 220-240 Volts, 50 Hz Single Phase.	

Mini Centrifuges



RM-02 Plus

Powerful and easy-to-use **RM 02 Plus mini centrifuges** are small enough so that each workstation can be equipped with a personal centrifuge. Extremely compact footprint saves valuable bench space

Salient Features :

- Brushless DC (BLDC) Motor
- Settable speed (upto 6000 RPM) and time (upto 99 minutes). digital display can process upto 8 microtubes of 1.5/2 ml at a time
- Replaceable strip rotor & adaptors for 0.2 ml & 0.4/0.5 ml microtubes

Technical Data	
Specifications	RM-02 Plus
Rotor Capacity	8 place closed rotor for 1.5/2.0ml microtubes
Speed RPM / RCF (g)	6000/2000 g
Digital Display	Yes
Dimensions (WxDxH) in mm	162 x 157 x 115 mm
Rubber suction pads	Yes
Rotors and Adaptors (included in standard pack)	8 Slot x 1.5/2.0 ml Closed Rotor
	PCR Strip Rotor (2 x 8 x 0.2 ml) Reduction Adaptors for 0.2 / 0.4 ml microtubes
Supply: 220-240 Volts, 50 Hz Single Phase.	

Specifications subject to change without notice

REMI, with over 65 years of manufacturing experience, combined with European design and style, makes a perfect combination to develop and present the whole range of “NEYA” centrifuges with performance and characteristics suitable for all the operational needs of modern laboratories. It is with these premises, we are pleased to present “NEYA” Range of ventilated and Refrigerated Centrifuges.



NEYA



4 X 175 ml



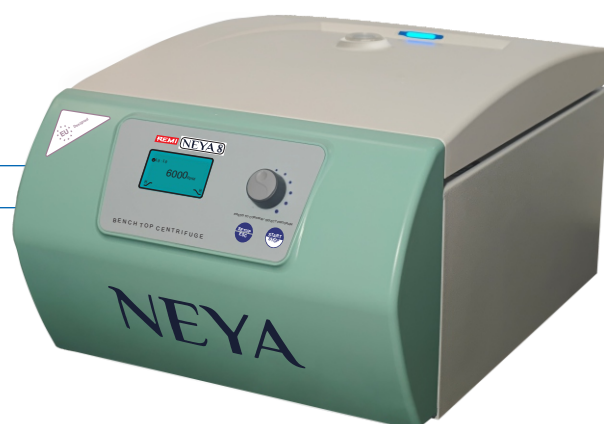
16000 rpm



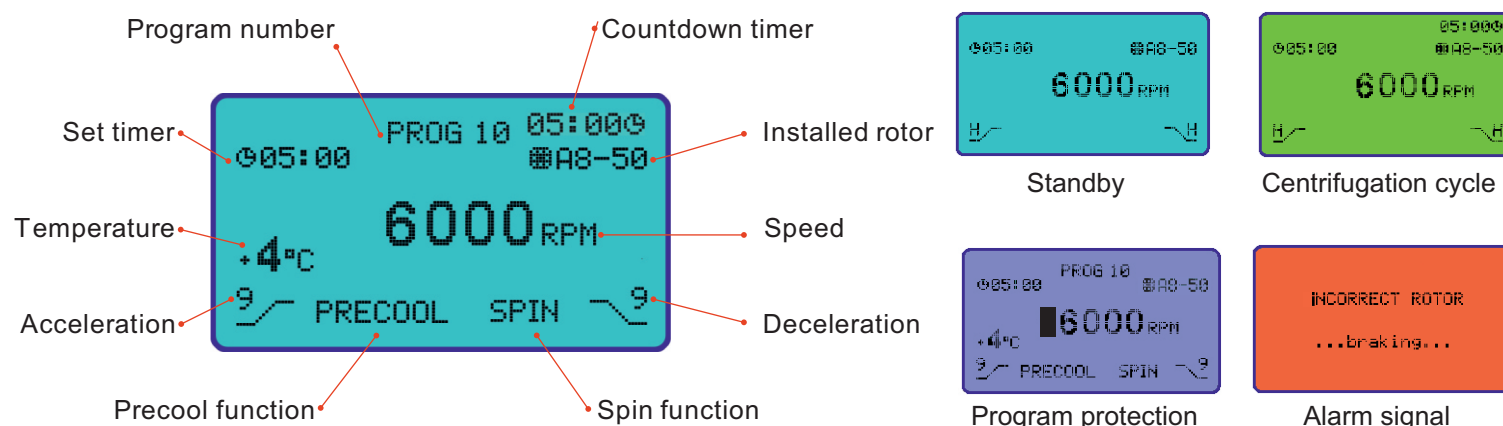
10 prog.



Refrigerated



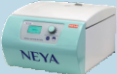
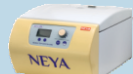
Specifications subject to change without notice



Salient Features / Technical Data

Model	NEYA-8	NEYA-10	NEYA-16	NEYA-10R	NEYA-16R
Maximum Capacity	4 x 175 ml (swing out) - 6 x 100 ml (fixed angle)				
Maximum Speed	4500 rpm (swing out) 6000 rpm (fixed angle)	4500 rpm (swing out) 6000 rpm (fixed angle)	4500 rpm (swing out) 16000 rpm (fixed angle)	4500 rpm (swing out) 6000 rpm (fixed angle)	4500 rpm (swing out) 16000 rpm (fixed angle)
Setting RPM	Yes				
Setting RCF	-	Yes			
Display RCF	Yes	Yes			
Timer	00:30 to 99:50 (mm:ss) and continuous mode				
Date and Time	Yes	Yes			
Acceleration Levels	L-M-H (Low - Medium - High)	0-9 (0 = min - 9 = max)			
Deceleration Levels	L-M-H (Low - Medium - High)	0-9 (0 = min - 9 = max)			
Temperature Range (Settable)	-	-	-	-10°C to +40°C	
Precool Function	-	-	-	Yes	
Display temperature	-	-	-	Yes (°Cand°F)	
Spin Function	-	Yes			
Programs	-	10 programs with protection function			
Indication of rotor	Yes				
Calibration Window on lid for speed	✓	✓	✓	✓	✓
Display	LCD	LCD	LCD	LCD	LCD
Control Communication	Digital	Digital	Digital	Digital	Digital
Self-Diagonostic of error	✓	✓	✓	✓	✓
Parameters setting switches	Feather Touch Keys & Bi-Directional encoder				
Brushless motor with frequency drive	✓	✓	✓	✓	✓
Inverter fault detection with auto shut down	✓	✓	✓	✓	✓
CFC free refrigeration system	✕	✕	✕	✓	✓
Last set parameters recall	✓	✓	✓	✓	✓
Choice of rpm / rcf setting	RPM	RPM / RCF	RPM / RCF	RPM / RCF	RPM / RCF
Automatic Rotor Identification	✓	✓	✓	✓	✓
Motor overload protection	✓	✓	✓	✓	✓
Emergency lid lock release	✓	✓	✓	✓	✓
Imbalance detection with centrifugation cut off	✓	✓	✓	✓	✓
Gas Hinge to prevent door falling	✓	✓	✓	✓	✓
Noise	≤ 55 dB				
External dimensions W x D x H / Weight	450 x 590 x 330 mm / 40 Kg			730 x 640 x 330 mm / 70 Kg	
Directive / Standard	IEC 61010-1 ; IEC 61010-2-020				
Recommended Voltage Stabilizer	-	-	-	VS-02	
Optional	Motorised Lid Lock				
Supply: 220-240 Volts 50 Hz Single Phase.					

Specifications subject to change without notice

		Technical Data				
		NEYA 8	NEYA 10	NEYA 10R	NEYA 16	NEYA 16R
						
Max. Speed	rpm	6000	6000	6000	16000	16000
Max. RCF	g	4800	4800	4800	21200	21200
Max. Tube size	ml	175	175	175	175	175
Max. capacity		700	700	700	700	700
No. of Programs		-	10	10	10	10
Acceleration*		H-M-L	10 Profiles	10 Profiles	10 Profiles	10 Profiles
Deceleration*		H-M-L	10 Profiles	10 Profiles	10 Profiles	10 Profiles
Lowest temp.*	°C	-	-	-10	-	-10
 S 4-175 4 x 175 ml		max 4500 rpm max 3600 g	max 4500 rpm max 3600 g	max 4500 rpm max 3600 g	max 4500 rpm max 3600 g	max 4500 rpm max 3600 g
 S 6-96 MP 6 x 96 deep wells		max 3200 rpm max 1950 g	max 3200 rpm max 1950 g	max 3200 rpm max 1950 g	max 3200 rpm max 1950 g	max 3200 rpm max 1950 g
 A 32-15N 32 x 15 ml		max 5200 rpm max 4020 g	max 5200 rpm max 4020 g	max 5200 rpm max 4020 g	max 5200 rpm max 4020 g	max 5200 rpm max 4020 g
 A 8-50 8 x 50 ml		max 6000 rpm max 4800 g	max 6000 rpm max 4800 g	max 6000 rpm max 4800 g	max 6000 rpm max 4800 g	max 6000 rpm max 4800 g
 A 30-2 30 x 2 ml		×	×	×	max 16000 rpm max 21200 g	max 16000 rpm max 21200 g
 A 36-05 36 x 0.5 ml		×	×	×	max 15000 rpm max 21000 g	max 15000 rpm max 21000 g
 A 6-100 6 x 100 ml		max 5000 rpm max 3330 g	max 5000 rpm max 3330 g	max 5000 rpm max 3330 g	max 5000 rpm max 3330 g	max 5000 rpm max 3330 g
 A 6-50 6 x 50 ml		×	×	×	max 9500 rpm max 10050 g	max 9500 rpm max 10050 g
 PCR 4-8 4 strip of 8 PCR		×	×	×	max 15000 rpm max 21000 g	max 15000 rpm max 21000 g
 A 12-5 12 x 5 ml		×	×	×	max 15000 rpm max 20880 g	max 15000 rpm max 20880 g
 A 12-2 12 x 2 ml		×	×	×	max 16000 rpm max 16140 g	max 16000 rpm max 16140 g
 HE 24-75 Ø1 x 75 mm		×	×	×	max 12000 rpm max 15300 g 24 capillars	max 12000 rpm max 15300 g 24 capillars

Notes:

* Depending on capacity, type of rotor, centrifugation speed, ambient temperature and other process parameters

High - Medium - Low

Specifications subject to change without notice

Nomenclature method of Rotors & Accessories

Alphabets in beginning	Number in middle	Alphabets at end
A = Fixed angle rotor	1st numerical = Quantity per insert	F = Conical tube
S = Swing out rotor	2nd numerical = Tube capacity (ml)	R = Round bottom tube
B = Bucket		L = Long Tube
I = Insert for bucket		S = Short Tube
C = Cushion		
RE = Reducer		
HE = Haematocrit Rotor		

S 4-175	(Swing out Rotor, 4 tubes of 175ml capacity)
A 32-15N	(Angle Rotor, 32 tubes of 15ml capacity)
B 2-50 F	(Bucket, 2 tubes of 50ml capacity, Conical)
I 1-50 R	(Insert, 1 tube of 50ml capacity round bottom)
C 15F	(Cushion for 15ml Conical)
RE 15-5/7	(Reducer from 15ml to 5/7 ml tube)

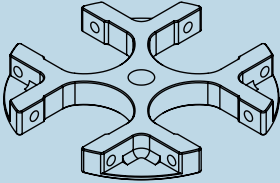
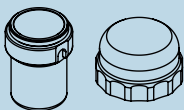
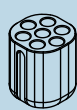
 Swing Out Rotor S 4-175 Max. Speed (RPM) 4500 Max. RCF (g) 3600	Metal Buckets suitable for Swing Out Rotor S 4-175 (Set of 4 buckets)					
	B 175 (with Bio safety Lid L 175)	B 2-50 F B 2-50 R	B 7-15 F B 7-15 R	B 12-10	B 14-5/7	B 16-5/7
						

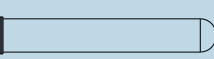
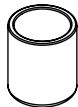
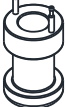
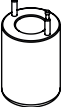
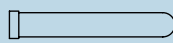
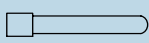
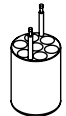
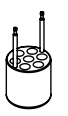
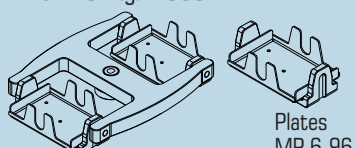
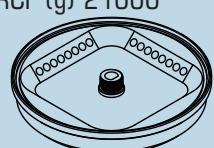
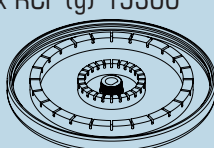
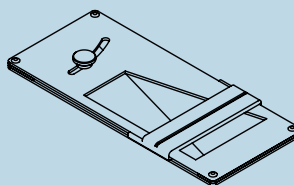
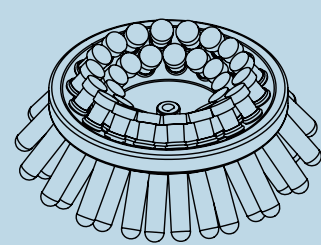
Image of Tube						
Tube Capacity (ml)	175	100	50		15	
Ø x L (mm)	57 x 99	45 x 104	29 x 116		30 x 110	
Max. Cap dia (mm)	59.5		34.5		22.5	
Type of Tube	Plastic	Glass / Plastic*	Conical		Glass / Plastic*	
No of tubes/Insert	1	1	1	2	1	2
No of tubes/rotor	4	4	4	8	4	8
Bucket Cat No.	B 175	B 175	B 175	B 2-50 F	B 175	B 2-50 R
Insert or Cushion No.	C 175 Included	I 1-100	I 1-50 SF		I 1-50 R	
Image of Insert (Set of 4, supplied with suitable bottom cushions)	No			No		No
Tubes supplied	Yes	No	No		No	

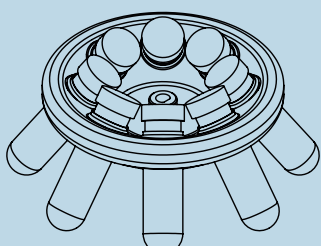
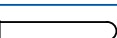
Image of Tube				
Tube Capacity (ml)	10	5/7	5/7	2
Ø x L (mm)	15.5 x 106	12.5 x 106	12.5 x 81	11 x 41
Max. Cap dia (mm)	17	16	16	
Type of Tube	Blood Collection Tube		Blood Collection Tube (Long)	
No of tubes/Insert	7	12	7	14
No of tubes/rotor	28	48	28	56
Bucket Cat No.	B 175	B 12-10	B 175	B 14-5/7
Insert or Cushion No.	I 7-10		I 7-5/7	
Image of Insert (Set of 4, supplied with suitable bottom cushions)		No		No
Tubes supplied	No	No	No	No

Specifications subject to change without notice

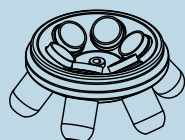
Swing Out Rotor S 6-96 MP Max speed RPM 3200 Max RCF (g) 1950  Plates MP 6-96		PCR Rotor PCR 4-8 Max speed RPM 15000 Max RCF (g) 21000 		Angle Rotor HE 24-75 Max speed RPM 12000 Max RCF (g) 15300 		Reading Device RD 24-75 	
Image of Tube		Image of Tube		Image of Tube		W x D x H	127 x 84 x 18
Tube Capacity (ml)	6 x 96 wells	Tube Capacity (ml)	4 strips of 8 PCR	Tube Capacity (ml)	—		
Type of Tube	Micro	Type of Tube	PCR	Type of Tube	Capillary		
No of tubes/rotor	6	No of tubes/rotor	4	No of tubes/rotor	24		
W x D x L (mm)	127 x 84 x 18	Ø x L (mm)	6 x 78	Ø x L (mm)	1 x 75		
Tubes supplied	No	Tubes supplied	No	Tubes supplied	Yes		

Angle Rotor A 32-15N Max speed RPM 5200 Max RCF (g) 4020 	Image of Tube				
	Tube Capacity (ml)	15	15	10	5/7
	Type of Tube	Conical	Plastic	Blood Collection Tube	Blood Collection Tube (Long)
	Insert or Cushion No.	C 15F	C 15R Included	No	RE 15-5/7
	No of tubes/Insert	1	1	-	1
	No of tubes/rotor	32	32	32	32
	Ø x L (mm)	16.5 x 120	17 x 102	15.5 x 106	12.5 x 106
	Tubes supplied	No	Yes	No	No

(Rotor is supplied with suitable SS tubes)

Angle Rotor A 8-50 Max speed RPM 6000 Max RCF (g) 4800 	Image of Tube					
	Tube Capacity (ml)	50	50	15	15	10
	Type of Tube	Conical	Plastic	Conical	Plastic	Blood Collection Tube
	Insert or Cushion No.	C 50F	C 50R Included	RE 50-15F	RE 50-15R	RE 50-10
	No of tubes/Insert	1	1	1	1	1
	No of tubes/rotor	8	8	8	8	8
	Ø x L (mm)	29 x 116	30 x 100	16.5 x 120	17 x 102	15.5 x 106
	Tubes supplied	No	Yes	No	Yes	No

(Rotor is supplied with suitable SS tubes)

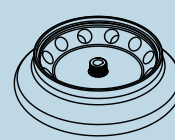


Angle Rotor A 6-100

Max speed RPM 5000
Max RCF (g) 3330

Image of Tube					
Tube Capacity (ml)	100	50	50	15	15
Type of Tube	Glass / Plastic	Conical	Glass / Plastic	Conical	Round Plastic/Glass
Insert or Cushion No.	C 100R Included	RE 100-50F	RE 100-50R	RE 100-15F	RE 100-15R
No of tubes/Insert	1	1	1	1	1
No of tubes/rotor	6	6	6	6	6
Ø x L (mm)	45.5 x 104	29 x 116	30 x 110/100	16.5 x 120	17 x 102/110
Tubes supplied	Yes (Plastic)	No	Yes (Plastic)	No	Yes (Plastic)

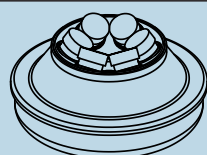
(Rotor is supplied with suitable SS tubes)



Angle Rotor A 12-5

Max speed RPM 15000
Max RCF (g) 20880

Image of Tube	
Tube Capacity (ml)	5
Type of Tube	Micro
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	12
Ø x L (mm)	16 x 59
Tubes supplied	No

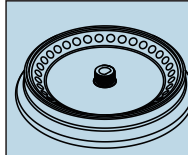


Angle Rotor A 6-50

Max speed RPM 9500
Max RCF (g) 10050

Image of Tube					
Tube Capacity (ml)	50	50	15	15	10
Type of Tube	Conical	Plastic	Conical	Plastic	Blood Collection Tube
Insert or Cushion No.	C 50F	C 50R Included	RE 50-15F	RE 50-15R	RE 50-10
No of tubes/Insert	1	1	1	1	1
No of tubes/rotor	6	6	6	6	6
Ø x L (mm)	29 x 116	30 x 100	16.5 x 120	17 x 102	15.5 x 106
Tubes supplied	No	Yes	No	Yes	No

(Rotor is supplied with suitable SS tubes)

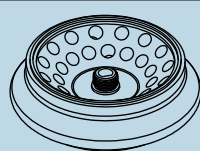


Angle Rotor A 36-05

Max speed RPM 15000
Max RCF (g) 21000

Image of Tube		
Tube Capacity (ml)	0.5	0.2
Type of Tube	Micro	Micro
Insert or Cushion No.	No	RE 05-02
No of tubes/Insert	-	1
No of tubes/rotor	36	36
Ø x L (mm)	7.5 x 31	6 x 22
Tubes supplied	No	No

(Rotor supplied with all suitable inserts)

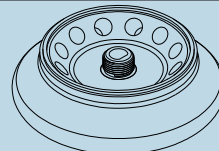


Angle Rotor A 30-2

Max speed RPM 16000
Max RCF (g) 21200

Image of Tube			
Tube Capacity (ml)	2	0.5	0.2
Type of Tube	Micro	Micro	Micro
Insert or Cushion No.	No	RE 2-05	RE 2-02
No of tubes/Insert	-	1	1
No of tubes/rotor	30	30	30
Ø x L (mm)	11 x 41	7.5 x 31	6 x 22
Tubes supplied	No	No	No

(Rotor supplied with all suitable inserts)



Angle Rotor A 12-2

Max speed RPM 16000
Max RCF (g) 16140

Image of Tube			
Tube Capacity (ml)	2	0.5	0.2
Type of Tube	Micro	Micro	Micro
Insert or Cushion No.	No	RE 2-05	RE 2-02
No of tubes/Insert	-	1	1
No of tubes/rotor	12	12	12
Ø x L (mm)	11 x 41	7.5 x 31	6 x 22
Tubes supplied	No	No	No

(Rotor supplied with all suitable inserts)

NEYA 5/NEYA 5C

Laboratory Centrifuge model NEYA 5/NEYA 5C is suitable for Blood & Urine sample analysis in Hospital & Pathology. The versatile Hybrid Rotor provides super flexibility of Swing out & Fixed angle in same Rotor with 15ml & 50ml Conical & Blood Collection Tubes.



Neya 5



Neya 5C

Rotor



**4X50ML
FIXED ANGLE**



**4X50ML
SWING OUT**



**8X15ML
FIXED ANGLE**



**8X15ML
SWING OUT**

Salient Features

- Compact and light weight
- Fixed and swing out angle (HYBRID) rotor for various applications
- MICRO controller with digital display
- Digitally controlled ACCELERATION and DECELERATION Profiles and braking
- Automatic Imbalance detection
- Emergency lid lock release
- Lid opening on pressing key
- Last set parameters recall (useful for repetitive analysis)
- Built according to EUROPEAN DIRECTIVES

Specifications subject to change without notice

TECHNICAL DATA		
Model	Neya 5C	Neya 5
Display	LED	LCD
Maximum capacity	8 x 15 ml (Fixed & Swing-out angle) 4 x 50 ml (Fixed & Swing-out angle)	
Maximum speed / RCF	4700 rpm / 3350xg (Fixed angle) 4700 rpm / 3560xg (Swing-out)	
Rotor type	Hybrid	
Setting RPM	Yes (From 200 to 4700 rpm in 10 rpm steps)	Yes (From 200 to 4700 rpm in 10 rpm steps)
Setting RCF	No	Yes (10g to 3350g Fixed angle in 10g steps 10g to 3560g Swing-out angle in 10g steps)
Display RCF	Yes	
Timer	01 to 99 (min) and continuous mode	00:30 to 99:50 (min:ss) and continuous mode
Date and Time	-	Yes
Acceleration levels	-	L-M-H (Low - Medium - High)
Deceleration levels	Low & High	L-M-H-O (Low - Medium - High - Coasting)
Spin function	No	Yes
Programs	-	5
Calibration window on lid for speed	✓	✓
Control Communication	Digital	Digital
Self-Diagnostic of error	✗	✓
Parameters setting switches	Feather Touch Keys	
Brushless motor with frequency drive	✓	✓
Inverter fault detection with auto shut down	✓	✓
Last set parameters recall	✓	✓
Motor overload protection	✓	✓
Auto lid opening after cycle	✗	✓
Emergency lid lock release	✓	✓
Imbalance detection with centrifugation cut off	✓	✓
Noise	≤ 55 dB	
External Dimensions W x D x H	360 x 465 x 300 MM	
Weight	23.5 Kg	
Directive / Standard	IEC 61010-1 ; IEC 61010-2-020, IEC 61010-2-101, IEC 61326-1	
Supply: 220-240 Volts, 50 Hz Single Phase.		



Neya 5C



Neya 5



NEYA 5/5C ROTOR AND ACCESSORIES

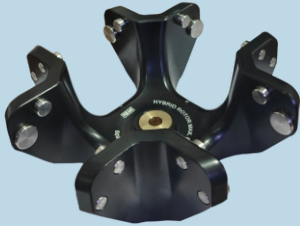
 HYBRID ROTOR	Aluminum Carriers (Set of 4) suitable for Hybrid Rotor			
				
MODEL	FA 50	SO 50	FA 15	SO 15
TYPE	FIXED ANGLE	SWING OUT	FIXED ANGLE	SWING OUT
CAPACITY PER CARRIER (ML)	1 X 50	1 X 50	2 X 15	2 X 15
TOTAL CAPACITY	4 X 50ML		8 X 15ML	
MAX. SPEED (RPM)	4700	4700	4700	4700
MAX. RCF (g)	3350	3560	3350	3560

IMAGE OF TUBE								
TUBE CAPACITY (ML)	50	50	15	15	15	10	5/7	5/7
TYPE OF TUBE	CONICAL	GLASS/PLASTIC	CONICAL	CONICAL	GLASS/PLASTIC	BLOOD COLLECTION TUBE	BLOOD COLLECTION TUBE (LONG)	BLOOD COLLECTION TUBE (SHORT)
CARRIER NAME	FA 50 SO 50	FA 50 SO 50	FA 50 SO 50	FA 15 SO 15	FA 15 SO 15	FA 15 SO 15	FA 15 SO 15	FA 15 SO 15
INSERT OR CUSHION NO.	C 50F	C 50R INCLUDED	RE 50-15F	C 15F	C 15R INCLUDED	C 10R	RE 15-5/7LB	RE 15-5/7SB
NO OF TUBES/CARRIER	1	1	1	2	2	2	2	2
NO OF TUBES/ROTOR	4	4	4	8	8	8	8	8
Ø X L (MM)	29 X 116	30 X 110 30 X 100	16.5 X 120	16.5 X 120	17 X 110 17 X 102	15.5 X 106	12.5 X 106	12.5 X 81
TUBE SUPPLIED	NO	YES	NO	NO	YES	NO	NO	NO



PR - 24

Microprocessor Research Centrifuges

Models PR - 23 & PR - 24 are Microprocessor controlled centrifuges used in auxiliary laboratories in industry, Educational & Research institutions, Bio Technology, Medical Laboratories, Hospitals, Blood Banks, Pharmaceutical laboratories and agriculture soil testing for determination of moisture equivalent of soil. Also suitable for determination of settlement of paints, pastes, cosmetics and food products. Centrifuge rotors & carriers are also suitable for use with variety of Falcon & Vacutainer tubes. These models have soft touch keypads for fast and accurate setting of run parameters.

Salient Features :

- Brushless induction motor with frequency drive
- User friendly microprocessor control with LED display
- Menu Driven ten programme memory
- choice of high brake, low brake and coasting
- Imbalance detector with Auto Cut-off
- Safety lid interlock to prevent cover opening during centrifugation
- Automatic unique safety rotor identification system
- Speed holding accuracy 100 RPM
- Self-diagnosis for errors
- Over current overheating safety cut-off



R - 24

Revolutionary Research Centrifuges

R - 23 & R 24 centrifuges are widely used in auxiliary laboratories in industry, Educational & Research institutions, Bio Technology, Medical Laboratories, Hospitals, Blood Banks, Pharmaceutical laboratories, Agriculture & Soil testing for determination of moisture equivalent of soil. It is also suitable for determination of settlement of paints, pastes, cosmetics and food products. Centrifuge rotors & carriers are also suitable for use with variety of Falcon & Vacutainer Tubes.

Salient Features:

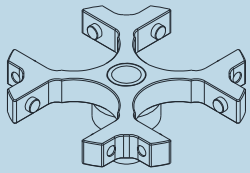
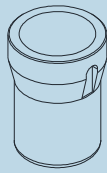
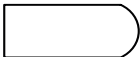
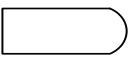
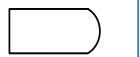
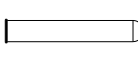
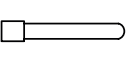
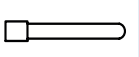
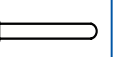
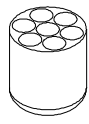
- Stepless speed regulator with zero start interlock
- Digital speed indicator
- Dynamic brake
- 0-99 minutes digital count down timer
- Imbalance detector with cut-off
- Safety lid interlock to prevent cover opening during centrifugation

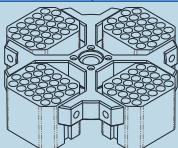
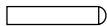
Technical Data					
Models		R-23	R-24	PR-23	PR-24
Max. Speed	rpm	6900	17300	7000	20000
Max. RCF	'g'	7350	30300	7560	40500
Max. Tube size	ml	200	100	250	100
Max. Capacity	ml	1200	400	1200	400
W x D x H	mm	400 x 500 x 455		400 x 500 x 440	

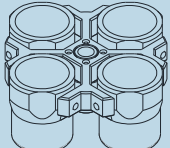
Supply: 220 - 240 Volts 50 Hz Single Phase.

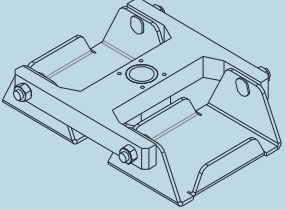
Specifications subject to change without notice

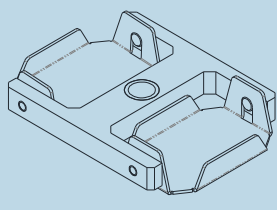
Rotors Listing for R-23 & PR-23

	 R-23				 R-231			
					Swing Out Rotor R-230 + R-231 (4 x 200ml)			
					R-23		PR-23	
					Max. Speed RPM 4800 Max RCF (g) 4000		Max. Speed RPM 5100 Max RCF (g) 4500	
Image of Tube								
Tube Capacity (ml)	200	100	50	30	15	10	5/7	5/7
Type of Tube	Glass	Glass	Glass	Glass	Glass	Blood Collection Tube	Blood Collection Tube (Long)	Blood Collection Tube (Short)
Insert or Cushion No.	C 200R Included	(OLD - RA-2311)	(OLD - RA-2312)	(OLD - RA-2313)	RE 200-15R(7) (OLD - RA-2314)	(OLD - RA-2316)	(OLD - RA-2315)	(OLD - RA-2317)
Image of Insert (Set of 4, supplied with suitable bottom cushions)	No							
No of tubes/Insert	1	1	1	3	7	5	6	6
No of tubes/rotor	4	4	4	12	28	20	24	24
Ø x L (mm)	55 x 115	45.5 x 104	30 x 110	24 x 110	17 x 110	15.5 x 106	12.5 x 106	12.5 x 81
Tubes supplied	Yes	Yes	Yes	Yes	Yes	No	No	No

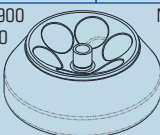
Swing Out Rotor R-230B + R-233B (108 X 5 (RIA))	
R-23	PR-23
Max. Speed RPM 5000 Max RCF (g) 3830	Max. Speed RPM 5100 Max RCF (g) 3980
	
Image of Tube	
Tube Capacity (ml)	108 X 5 (RIA)
Type of Tube	RIA Plastic Tubes
Insert or Cushion No.	No
No of tubes/Carrier	27
No of tubes/rotor	108
Ø x L (mm)	12.4 x 76
Tubes supplied	Yes

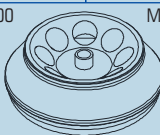
					
Swing Out Rotor R-234 (4 x 250ml)					
PR-23					
Max. Speed RPM 5500 Max RCF (g) 5070					
Image of Tube					
Tube Capacity (ml)	250	50	25	15	5
Type of Tube	Plastic	Glass	Glass	Glass	Glass
Insert or Cushion No.	C 250R Included	(OLD - RA-2341)	(OLD - RA-2342)	RE 250-15R(5) (OLD - RA-2343)	RE 250-5R(13) (OLD - RA-2344)
Image of Insert (Set of 4, supplied with suitable bottom cushions)	No				
No of tubes/Insert	1	1	1	5	13
No of tubes/rotor	4	4	4	20	52
Ø x L (mm)	67.5 x 100	30 x 110	28 x 62.5	17 x 110	14 x 100
Tubes supplied	Yes	Yes	Yes	Yes	Yes

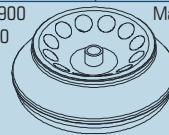
Swing Out Rotor R-235 (8 x 96 WELL)	
	PR-23
	Max. Speed RPM 3200 Max RCF (g) 1470
Image of Tube	
Tube Capacity (ml)	8 x 96 wells
Type of Tube	Microtiter
No of tubes/rotor	8
W x D x L (mm)	127 x 84 x 18
Tubes supplied	No

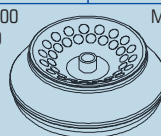
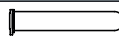
Swing Out Rotor R-230A (2 x 96 WELL)	
	PR-23
	Max. Speed RPM 3200 Max RCF (g) 1470
Image of Tube	
Tube Capacity (ml)	2 x 96 wells
Type of Tube	Microtiter
No of tubes/rotor	2
W x D x L (mm)	127 x 84 x 18
Tubes supplied	No

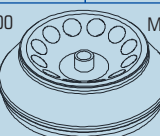
Specifications subject to change without notice

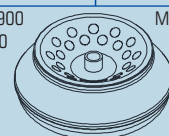
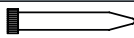
Angle Rotor R-236 (6 x 200ml)	
R-23	PR-23
Max. Speed RPM 6900 Max RCF (g) 7350	Max. Speed RPM 7000 Max RCF (g) 7560
	
Image of Tube	
Tube Capacity (ml)	200
Type of Tube	Plastic
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	6
Ø x L (mm)	61 x 125
Tubes supplied	Yes

Angle Rotor R-237 (8 x 100ml)	
R-23	PR-23
Max. Speed RPM 6900 Max RCF (g) 7200	Max. Speed RPM 7000 Max RCF (g) 7400
	
Image of Tube	
Tube Capacity (ml)	100
Type of Tube	Plastic
Insert or Cushion No.	C 100R Included
No of tubes/Insert	1
No of tubes/rotor	8
Ø x L (mm)	45.5 x 104
Tubes supplied	Yes

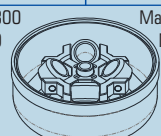
Angle Rotor R-238 (12 x 50ml)	
R-23	PR-23
Max. Speed RPM 6900 Max RCF (g) 6970	Max. Speed RPM 7000 Max RCF (g) 7450
	
Image of Tube	
Tube Capacity (ml)	50
Type of Tube	Plastic
Insert or Cushion No.	C 50R Included
No of tubes/Insert	1
No of tubes/rotor	12
Ø x L (mm)	30 x 100
Tubes supplied	Yes

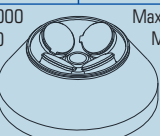
Angle Rotor R-239 (36 x 15ml)	
R-23	PR-23
Max. Speed RPM 6900 Max RCF (g) 7240	Max. Speed RPM 7000 Max RCF (g) 7400
	
Image of Tube	
Tube Capacity (ml)	15
Type of Tube	Plastic
Insert or Cushion No.	C 15R Included
No of tubes/Insert	1
No of tubes/rotor	36
Ø x L (mm)	17 x 102
Tubes supplied	Yes

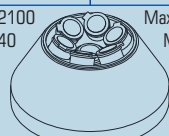
Angle Rotor R-238F (12 x 50ml)	
R-23	PR-23
Max. Speed RPM 6900 Max RCF (g) 6970	Max. Speed RPM 7000 Max RCF (g) 7450
	
Image of Tube	
Tube Capacity (ml)	50
Type of Tube	Conical
Insert or Cushion No.	C 50F
No of tubes/Insert	1
No of tubes/rotor	12
Ø x L (mm)	29 x 116
Tubes supplied	No

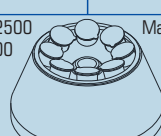
Angle Rotor R-239F (24 x 15ml)	
R-23	PR-23
Max. Speed RPM 6900 Max RCF (g) 7240	Max. Speed RPM 7000 Max RCF (g) 7400
	
Image of Tube	
Tube Capacity (ml)	15
Type of Tube	Conical
Insert or Cushion No.	C 15F
No of tubes/Insert	1
No of tubes/rotor	24
Ø x L (mm)	16.5 x 120
Tubes supplied	No

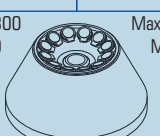
Rotors Listing for R-24 & PR-24

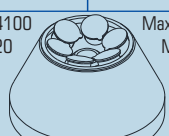
Swing Out Rotor R-246A (4 x 25ml)	
R-24	PR-24
Max. Speed RPM 9300 Max RCF (g) 8700	Max. Speed RPM 11000 Max RCF (g) 12180
	
Image of Tube	
Tube Capacity (ml)	25
Type of Tube	Glass
Insert or Cushion No.	C 25R Included
No of tubes/Insert	1
No of tubes/rotor	4
Ø x L (mm)	28 x 62.5
Tubes supplied	Yes

Angle Rotor R-241 (4 x 100ml)	
R-24	PR-24
Max. Speed RPM 11000 Max RCF (g) 14050	Max. Speed RPM 14500 Max RCF (g) 23980
	
Image of Tube	
Tube Capacity (ml)	100
Type of Tube	Plastic
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	4
Ø x L (mm)	45.5 x 104
Tubes supplied	Yes

Angle Rotor R-242 (6 x 50ml)	
R-24	PR-24
Max. Speed RPM 12100 Max RCF (g) 14240	Max. Speed RPM 16000 Max RCF (g) 25180
	
Image of Tube	
Tube Capacity (ml)	50
Type of Tube	Plastic
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	6
Ø x L (mm)	30 x 100
Tubes supplied	Yes

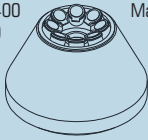
Angle Rotor R-243 (8 x 25ml)	
R-24	PR-24
Max. Speed RPM 12500 Max RCF (g) 14500	Max. Speed RPM 14500 Max RCF (g) 20220
	
Image of Tube	
Tube Capacity (ml)	25
Type of Tube	Plastic
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	8
Ø x L (mm)	25 x 95
Tubes supplied	Yes

Angle Rotor R-244 (12 x 15ml)	
R-24	PR-24
Max. Speed RPM 12300 Max RCF (g) 14710	Max. Speed RPM 16000 Max RCF (g) 24900
	
Image of Tube	
Tube Capacity (ml)	15
Type of Tube	Plastic
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	12
Ø x L (mm)	17 x 102
Tubes supplied	Yes

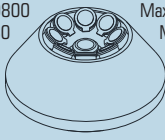
Angle Rotor R-243A (6 x 25ml)	
R-24	PR-24
Max. Speed RPM 14100 Max RCF (g) 17120	Max. Speed RPM 18000 Max RCF (g) 28980
	
Image of Tube	
Tube Capacity (ml)	25
Type of Tube	Plastic
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	6
Ø x L (mm)	25 x 95
Tubes supplied	Yes

Specifications subject to change without notice

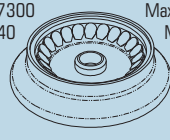
Angle Rotor R-244A (8 x 15ml)

R-24	PR-24
Max. Speed RPM 15400 Max RCF (g) 20150	Max. Speed RPM 18000 Max RCF (g) 27530
	
Image of Tube	
Tube Capacity (ml)	15
Type of Tube	Plastic
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	8
Ø x L (mm)	17 x 102
Tubes supplied	Yes

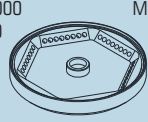
Angle Rotor R-247 (8 x 50ml)

R-24	PR-24
Max. Speed RPM 10800 Max RCF (g) 13430	Max. Speed RPM 14500 Max RCF (g) 24680
	
Image of Tube	
Tube Capacity (ml)	50
Type of Tube	Plastic
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	8
Ø x L (mm)	30 x 100
Tubes supplied	Yes

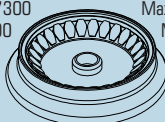
Angle Rotor R-248 (24 x 2ml)

R-24	PR-24
Max. Speed RPM 17300 Max RCF (g) 27440	Max. Speed RPM 20000 Max RCF (g) 37570
	
Image of Tube	
Tube Capacity (ml)	2
Type of Tube	Plastic
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	24
Ø x L (mm)	11 x 41
Tubes supplied	Yes

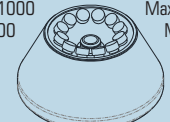
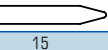
Angle Rotor R-249 (6 Strips of 8 PCR x 0.2ml)

R-24	PR-24
Max. Speed RPM 11000 Max RCF (g) 12180	Max. Speed RPM 11000 Max RCF (g) 12180
	
Image of Tube	
Tube Capacity (ml)	6 strips of 8 PCR
Type of Tube	PCR
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	6
Ø x L (mm)	6 x 78
Tubes supplied	Yes

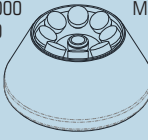
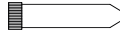
Angle Rotor R-251 (28 x 1.5ml)

R-24	PR-24
Max. Speed RPM 17300 Max RCF (g) 30300	Max. Speed RPM 20000 Max RCF (g) 40500
	
Image of Tube	
Tube Capacity (ml)	1.5
Type of Tube	Plastic
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	28
Ø x L (mm)	11 x 41
Tubes supplied	Yes

Angle Rotor R-244F (12 x 15ml)

R-24	PR-24
Max. Speed RPM 11000 Max RCF (g) 15200	Max. Speed RPM 11000 Max RCF (g) 15200
	
Image of Tube	
Tube Capacity (ml)	15
Type of Tube	Conical
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	12
Ø x L (mm)	16.5 x 120
Tubes supplied	No

Angle Rotor R-247F (8 x 50ml)

R-24	PR-24
Max. Speed RPM 11000 Max RCF (g) 15200	Max. Speed RPM 11000 Max RCF (g) 15200
	
Image of Tube	
Tube Capacity (ml)	50
Type of Tube	Conical
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	8
Ø x L (mm)	29 x 116
Tubes supplied	No



CM-12 PLUS

Alpha Numeric
LCD Display

Bi-directional encoder
for setting

- Self-diagnosis of errors
- 24 programme memory
- 3 Accelerations, 4 Deceleration profiles
- Choice of rpm / rcf setting & display
- Countdown timer 0-99 minutes & continuous run
- Last parameters recall
- Automatic Rotor identification
- Safety lid interlock to prevent lid opening during centrifugation
- Imbalance detection
- Gas hinge to prevent falling of door
- Emergency lid lock release

Technical Data

Models	CM-8 Plus	CM-12 Plus
Max Speed (rpm)	6000	16000
Max. RCF (g)	5070	16600
Max. Tube Size (ml)	100	5
Max. Capacity (ml)	400	40
*Min. Temperature (°C)	-8	-8
#Noise	≤ 60 dB	≤ 60 dB
Dimensions (WxDxH) (mm)	480 x 585 x 530	
Voltage Stabilizers	VS-02	VS-02
Supply: 220-240 Volts 50 Hz Single Phase.		

Centrifuge model CM-8 Plus is suitable for routine sample analysis in Medical, Hospital, Pathology and Institutional laboratories.

Micro Centrifuge model CM-12 Plus is useful for routine applications in bio-technology, PCR, life sciences, biochemical and clinical labs etc. for centrifugation with micro tubes from 0.2 ml up to 1.5 ml.

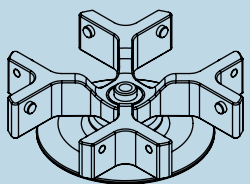
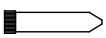
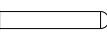
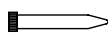
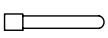
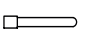
Salient Features :

- Stable speed output
- Pre-cooling feature
- Fast spin feature
- Brushless motor with frequency drive
- Microprocessor based with LCD display

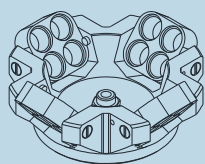
* Note : Depending on capacity, type of rotor centrifugation speed, ambient temperatures and other process parameters.

Note : Measured as per standard protocol

Swing Out Rotors for CM-8 Plus

Swing Out Rotor R-90 M (4 x 100ml)								
 Max. Speed RPM 4000 Max RCF (g) 2500				B-100				
								
Image of Tube								
Tube Capacity (ml)	100	50	50	30	15	15	10	5/7
Type of Tube	Glass	Glass	Conical	Glass	Glass	Conical	Blood Collection Tube	Blood Collection Tube (Long)
Insert or Cushion No.	C 100R Included	RE 100-50 (OLD - RA-157)	RE 100-50FR (OLD - RA-161F)	(OLD - RA-158)	RE 100-15R(3) (OLD - RA-166)	RE 100-15FR (OLD - RA-160F)	RE 100-10(3) (OLD - RA-168)	RE 100-5/7L(4) (OLD - RA-167)
No of tubes/Insert	1	1	1		3	1	3	4
No of tubes/rotor	4	4	4		12	4	12	16
Ø x L (mm)	45.5 x 104	30 x 110	29 x 116	24 x 110	17 x 110	16.5 x 120	15.5 x 106	12.5 x 106
Tubes supplied	Yes	Yes	No	Yes	Yes	No	No	No

Specifications subject to change without notice

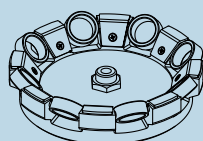


Swing Out Rotor R-81 M (16 x 15ml)

Max. Speed RPM 4500

Max RCF (g) 3485

Image of Tube									
Tube Capacity (ml)	15	8	5/7	5/7	6	5	4	3	1
Type of Tube	Glass	Glass	Blood Collection Tube (Long)	Blood Collection Tube (Short)	Glass	Glass	Glass	Glass	Wintrob
Insert or Cushion No.	C 15R Included	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-6R (OLD - RA-156)	RE 15-5R (OLD - RA-153)	(OLD - RA-155)	RE 15-3R (OLD - RA-152)	(OLD - RA-151)
No of tubes/Insert	1	1	1	1	1	1	1	1	1
No of tubes/rotor	16	16	16	16	16	16	16	16	16
Ø x L (mm)	17 x 110	12 x 100	12.5 x 106	12.5 x 81	12 x 95	12 x 75	12 x 70	10 x 75	7 x 120
Tubes supplied	Yes	Yes	No	No	No	Yes	No	Yes	Yes

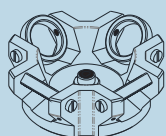


Swing Out Rotor R-81 BM (8 x 15ml)

Max. Speed RPM 4500

Max RCF (g) 3485

Image of Tube									
Tube Capacity (ml)	15	8	5/7	5/7	6	5	4	3	1
Type of Tube	Glass	Glass	Blood Collection Tube (Long)	Blood Collection Tube (Short)	Glass	Glass	Glass	Glass	Wintrob
Insert or Cushion No.	C 15R Included	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-6R (OLD - RA-156)	RE 15-5R (OLD - RA-153)	(OLD - RA-155)	RE 15-3R (OLD - RA-152)	(OLD - RA-151)
No of tubes/Insert	1	1	1	1	1	1	1	1	1
No of tubes/rotor	8	8	8	8	8	8	8	8	8
Ø x L (mm)	17 x 110	12 x 100	12.5 x 106	12.5 x 81	12 x 95	12 x 75	12 x 70	10 x 75	7 x 120
Tubes supplied	Yes	Yes	No	No	No	Yes	No	Yes	Yes



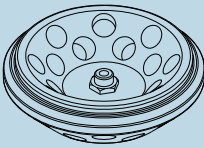
Swing Out Rotor R-82 AM (4 x 50ml)

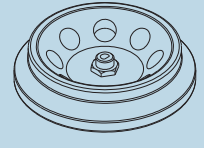
Max. Speed RPM 4500

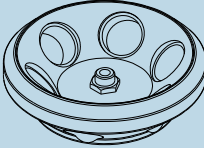
Max RCF (g) 3485

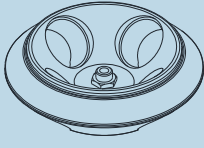
Image of Tube					
Tube Capacity (ml)	50	30	15	15	10
Type of Tube	Glass	Glass	Glass	Conical	Blood Collection Tube
Insert or Cushion No.	C 50R Included	(OLD - RA-502)	RE 50-15RR (OLD - RA-501)	RE 50-15FR (OLD - RA-501F)	RE 50-10R (OLD - RA-164)
No of tubes/Insert	1	1	1	1	1
No of tubes/rotor	4	4	4	4	4
Ø x L (mm)	30 x 110	24 x 110	17 x 110	16.5 x 120	15.5 x 106
Tubes supplied	Yes	Yes	Yes	No	No

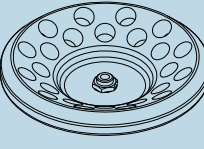
Angle Rotors for CM-8 Plus

Angle Rotor R-83 M (16 x 15ml) Max. Speed RPM 6000 Max RCF (g) 4700 	Image of Tube							
	Tube Capacity (ml)	15	8	6	5	4	3	1
	Type of Tube	Plastic	Glass	Glass	Glass	Glass	Glass	Wintrop
	Insert or Cushion No.	C 15R Included	RE 15-8R (OLD - RA-154)	RE 15-6R (OLD - RA-156)	RE 15-5R (OLD - RA-153)	(OLD - RA-155)	RE 15-3R (OLD - RA-152)	(OLD - RA-151)
	No of tubes/Insert	1	1	1	1		1	
	No of tubes/rotor	16	16	16	16		16	
	Ø x L (mm)	17 x 102	12 x 100	12 x 95	12 x 75	12 x 70	10 x 75	7 x 120
	Tubes supplied	Yes	Yes	No	Yes	No	Yes	Yes

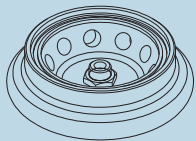
Angle Rotor R-83 BM (8 x 15ml) Max. Speed RPM 6000 Max RCF (g) 4700 	Image of Tube							
	Tube Capacity (ml)	15	8	6	5	4	3	1
	Type of Tube	Plastic	Glass	Glass	Glass	Glass	Glass	Wintrop
	Insert or Cushion No.	C 15R Included	RE 15-8R (OLD - RA-154)	RE 15-6R (OLD - RA-156)	RE 15-5R (OLD - RA-153)	(OLD - RA-155)	RE 15-3R (OLD - RA-152)	(OLD - RA-151)
	No of tubes/Insert	1	1	1	1		1	
	No of tubes/rotor	8	8	8	8		8	
	Ø x L (mm)	17 x 102	12 x 100	12 x 95	12 x 75	12 x 70	10 x 75	7 x 120
	Tubes supplied	Yes	Yes	No	Yes	No	Yes	Yes

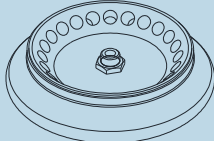
Angle Rotor R-84 M (6 x 50ml) Max. Speed RPM 6000 Max RCF (g) 4700 	Image of Tube					
	Tube Capacity (ml)	50	30	15	15	10
	Type of Tube	Plastic	Glass	Glass	Conical	Blood Collection Tube
	Insert or Cushion No.	C 50R Included	(OLD - RA-502)	RE 50-15RR (OLD - RA-501)	RE 50-15FR (OLD - RA-501F)	RE 50-10R (OLD - RA-164)
	No of tubes/Insert	1		1	1	1
	No of tubes/rotor	6		6	6	6
	Ø x L (mm)	30 x 100	24 x 110	17 x 110	16.5 x 120	15.5 x 106
	Tubes supplied	Yes	Yes	Yes	No	No

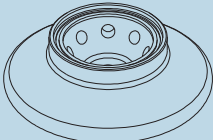
Angle Rotor R-88 M (4 x 100ml) Max. Speed RPM 6000 Max RCF (g) 4550 	Image of Tube								
	Tube Capacity (ml)	100	50	50	15	15	15	10	5/7
	Type of Tube	Plastic	Conical	Glass	Glass	Glass	Conical	Blood Collection Tube	Blood Collection Tube (Long)
	Insert or Cushion No.	C 100R Included	RE 100-50FR (OLD - RA-161F)	RE 100-50RR (OLD - RA-161)	(OLD - RA-160)	RE 100-15R(3) (OLD - RA-166)	RE 100-15FR (OLD - RA-160F)	RE 100-10(3) (OLD - RA-168)	RE 100-5/7L(4) (OLD - RA-167)
	No of tubes/Insert	1	1	1		3	1	3	4
	No of tubes/rotor	4	4	4		12	4	12	16
	Ø x L (mm)	45.5 x 104	29 x 116	30 x 110	17 x 110	17 x 110	16.5 x 120	15.5 x 106	12.5 x 106
	Tubes supplied	Yes	No	Yes	Yes	Yes	No	No	No

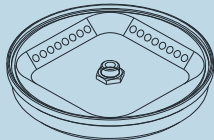
Angle Rotor R-89 M (24 x 15ml) Max. Speed RPM 6000 Max RCF (g) 5070 	Image of Tube						
	Tube Capacity (ml)	15	8	6	5	4	3
	Type of Tube	Plastic	Glass	Glass	Glass	Glass	Glass
	Insert or Cushion No.	C 15R Included	RE 15-8R (OLD - RA-154)	RE 15-6R (OLD - RA-156)	RE 15-5R (OLD - RA-153)	(OLD - RA-155)	RE 15-3R (OLD - RA-152)
	No of tubes/Insert	1	1	1	1		1
	No of tubes/rotor	24	24	24	24		24
	Ø x L (mm)	17 x 102	12 x 100	12 x 95	12 x 75	12 x 70	10 x 75
	Tubes supplied	Yes	Yes	No	Yes	No	Yes

Angle Rotors for CM-12 Plus

 Angle Rotor RM-1214 M (10 x 2ml) Max speed RPM 16000 Max RCF (g) 16600	
Image of Tube	
Tube Capacity (ml)	2
Type of Tube	Glass
Insert or Cushion No.	C 5R Included
No of tubes/Insert	1
No of tubes/rotor	10
Ø x L (mm)	12 x 36
Tubes supplied	Yes

 Angle Rotor RM-1215 M (24 x 1.5ml) Max speed RPM 11850 Max RCF (g) 12715	
Image of Tube	
Tube Capacity (ml)	1.5
Type of Tube	Micro
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	24
Ø x L (mm)	11 x 41
Tubes supplied	No

 Angle Rotor RM-1216 M (8 x 5ml) Max speed RPM 11850 Max RCF (g) 13500	
Image of Tube	
Tube Capacity (ml)	5
Type of Tube	Plastic
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	8
Ø x L (mm)	12 x 76
Tubes supplied	Yes

 Angle Rotor RM-1217 M (4 Strips of 8 PCR x 0.2ml) Max speed RPM 12000 Max RCF (g) 11910	
Image of Tube	
Tube Capacity (ml)	4 strips of 8 PCR
Type of Tube	PCR
No of tubes/rotor	4
Ø x L (mm)	6 x 78
Tubes supplied	No



Specifications subject to change without notice

These Plus series Refrigerated Centrifuges are designed for centrifugation of temperature sensitive material and find application in routine and research work in auxiliary laboratories in industry, Educational & Research institutions, Bio Technology, Medical Laboratories, Hospitals, Blood Banks, Pharmaceutical & Clinical research laboratories. A wide variety of swing out and angle rotors with a choice of reduction adaptors make these units truly versatile.

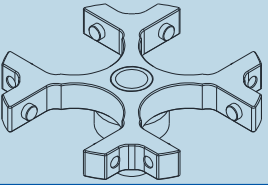
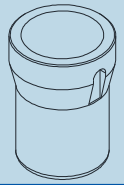
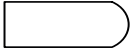
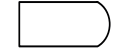
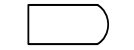
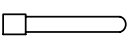
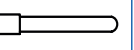
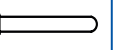
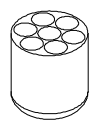
Salient Features / Technical Data							
	Table Top Models					Floor Models	
	High Volume Low Speed		Low Volume High Speed			High Volume High Speed	
Models	C-23 Plus	CPR-23 Plus	C-24 Plus	CPR-24 Plus	CPR-24i Plus	C-30 Plus	CPR-30 Plus
Max. Speed (rpm)	7000	7000	20000			20000	
Max. RCF (g)	7400	7400	37570			37570	
Max. Tube Size (ml)	250	250	100		250	250	
Max. Capacity (ml)	1200	1200	400		1000	1200	
Lowest Temp. * (°C)	-8	-8	-8		-10	-8	
#Noise (dB)	≤ 60	≤ 60	≤ 60			≤ 60	
Programable compensation for true sample temperature	×	✓	×	✓	✓	×	✓
Pre Cooling	×	✓	×	✓	✓	×	✓
Acceleration Profiles	Low, High	9	Low, High	9	9	Low, High	9
Deceleration Profiles	Coasting, Low, High	9 & Coasting	Coasting, Low, High	9 & Coasting	9 & Coasting	Coasting, Low, High	9 & Coasting
Fast Spin	×	✓	×	✓	✓	×	✓
Calibration window on lid for speed	✓	✓	✓	✓	✓	✓	✓
Display	LED	LCD	LED	LCD	LCD	LED	LCD
Control Communication	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Self-Diagnostic of error	×	✓	×	✓	✓	×	✓
Parameters setting switches	Feather Touch Keys	Feather Touch Keys + Bi-directional encoder	Feather Touch Keys	Feather Touch Keys + Bi-directional encoder	Feather Touch Keys + Bi-directional encoder	Feather Touch Keys	Feather Touch Keys + Bi-directional encoder
Brushless motor with frequency drive	✓	✓	✓	✓	✓	✓	✓
Inverter fault detection with auto shut down	✓	✓	✓	✓	✓	✓	✓
CFC free refrigeration system	✓	✓	✓	✓	✓	✓	✓
No. of Programs	×	99	×	99	99	×	99
Last set parameters recall	✓	✓	✓	✓	✓	✓	✓
Choice of rpm / rcf setting	RPM	RPM / RCF	RPM	RPM / RCF	RPM / RCF	RPM	RPM / RCF
Temperature Display	°C	°C	°C	°C	°C	°C	°C
Digital Countdown timer 0-99 min & Continuous run	✓	✓	✓	✓	✓	✓	✓
Log of cumulative run time	×	✓	×	✓	✓	×	✓
Automatic Rotor Identification	✓	✓	✓	✓	✓	✓	✓
Motor overload protection	✓	✓	✓	✓	✓	✓	✓
Emergency lid lock release	✓	✓	✓	✓	✓	✓	✓
Imbalance detection with centrifugation cut off	✓	✓	✓	✓	✓	✓	✓
Password Protection	×	✓	×	✓	✓	×	✓
Gas Hinge to prevent door falling	✓	✓	✓	✓	✓	✓	✓
W x D x H (mm)	830 x 650 x 500		775 x 575 x 475		830 x 650 x 500	660 x 765 x 945	
Recommended Voltage Stabilizer	VS-03		VS-03		VS-03	VS-03	
Supply: 220-240 Volts, 50 Hz Single Phase.							

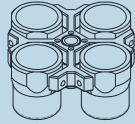
Specifications subject to change without notice

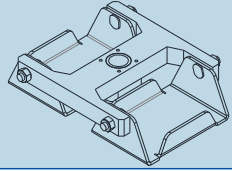
Models	C-23 Plus	C-24 Plus CPR-24 Plus	CPR-24i Plus	C-30 Plus CPR-30 Plus
R-230 M + R-231 M 4 x 200 ml	Max 5100 rpm Max 4500 g	×	×	Max 4500 rpm Max 3500 g
R-234 M 4 x 250 ml	Max 5500 rpm Max 5070 g	×	Max 4500 rpm Max 3500 g	Max 4500 rpm Max 3500 g
R-235 M 8 x 96 wells	Max 3200 rpm Max 1370 g	×	Max 3200 rpm Max 1370 g	Max 3200 rpm Max 1370 g
R-230 BM + R 233 BM 108 x 5 ml (RIA)	Max 5100 rpm Max 3980 g	×	×	Max 4500 rpm Max 3500 g
R-240 M 16 x 50 ml	×	×	×	Max 3200 rpm Max 2110 g
R-240 AM 28 x 15 ml	×	×	×	Max 3200 rpm Max 2110 g
R-246 AM 4 x 25 ml	×	Max 11000 rpm Max 12180 g	Max 11000 rpm Max 12180 g	Max 11000 rpm Max 12180 g
R-236 M 6 x 200 ml	Max 7000 rpm Max 7400 g	×	×	Max 7000 rpm Max 7400 g
R-237 M 8 x 100 ml	Max 7000 rpm Max 7400 g	×	×	Max 7000 rpm Max 7400 g
R-238 M 12 x 50 ml	Max 7000 rpm Max 7400 g	×	×	Max 7000 rpm Max 7400 g
R-239 M 36 x 15 ml	Max 7000 rpm Max 7400 g	×	×	Max 7000 rpm Max 7400 g
R-241 M 4 x 100 ml	×	Max 14500 rpm Max 23980 g	Max 14500 rpm Max 23980 g	Max 14500 rpm Max 23980 g
R-243 M 8 x 25 ml	×	Max 18000 rpm Max 31150 g	Max 18000 rpm Max 31150 g	Max 18000 rpm Max 31150 g
R-244 M 12 x 15 ml	×	Max 18000 rpm Max 31150 g	Max 18000 rpm Max 31150 g	Max 18000 rpm Max 31150 g
R-247 M 8 x 50 ml	×	Max 16000 rpm Max 30020 g	Max 16000 rpm Max 30020 g	Max 16000 rpm Max 30020 g
R-248 M 24 x 2 ml	×	Max 20000 rpm Max 37570 g	Max 20000 rpm Max 37570 g	Max 20000 rpm Max 37570 g
R-249 M 6 Strips of 8 PCR	×	Max 11000 rpm Max 12180 g	Max 11000 rpm Max 12180 g	Max 11000 rpm Max 12180 g
R-250 M 48 x 1.5 ml	×	Max 16000 rpm Max 30020 g	Max 16000 rpm Max 30020 g	Max 16000 rpm Max 30020 g
R-251 M 28 x 1.5 ml	×	Max 20000 rpm Max 37570 g	Max 20000 rpm Max 37570 g	Max 20000 rpm Max 37570 g
R-238 MF 12 x 50 ml	Max 7000 rpm Max 7400 g	×	×	Max 7000 rpm Max 7400 g
R-239 MF 24 x 15 ml	Max 7000 rpm Max 7400 g	×	×	Max 7000 rpm Max 7400 g
R-244 MF 12 x 15 ml	×	Max 14500 rpm Max 28680 g	Max 14500 rpm Max 28680 g	Max 14500 rpm Max 28680 g
R-247 MF 8 x 50 ml	×	Max 14500 rpm Max 28680 g	Max 14500 rpm Max 28680 g	Max 14500 rpm Max 28680 g

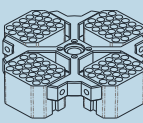
Specifications subject to change without notice

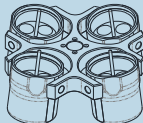
Swing Out Rotors

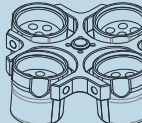
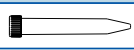
 R-230 M		 R-231 M		Swing Out Rotor R-230 M + R-231 M (4 x 200ml)				
				C-23 Plus		C-30 Plus CPR-30 Plus		
				Max. Speed RPM 5100 Max RCF (g) 4500		Max. Speed RPM 4500 Max RCF (g) 3500		
Image of Tube								
Tube Capacity (ml)	200	100	50	30	15	10	5/7	5/7
Type of Tube	Glass	Glass	Glass	Glass	Glass	Blood Collection Tube	Blood Collection Tube (Long)	Blood Collection Tube (Short)
Insert or Cushion No.	C 200R Included	(OLD - RA-2311)	(OLD - RA-2312)	(OLD - RA-2313)	RE 200-15R(7) (OLD - RA-2314)	(OLD - RA-2316)	(OLD - RA-2315)	(OLD - RA-2317)
Image of Insert (Set of 4, supplied with suitable bottom cushions)	No							
No of tubes/Insert	1	1	1	3	7	5	6	6
No of tubes/rotor	4	4	4	12	28	20	24	24
Ø x L (mm)	55 x 115	45.5 x 104	30 x 110	24 x 110	17 x 110	15.5 x 106	12.5 x 106	12.5 x 81
Tubes supplied	Yes	Yes	Yes	Yes	Yes	No	No	No

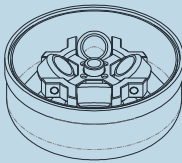
Swing Out Rotor R-234 M (4 x 250ml)					
C-23 Plus		CPR-24i Plus		C-30 Plus CPR-30 Plus	
Max. Speed RPM 5500 Max RCF (g) 5070				Max. Speed RPM 4500 Max RCF (g) 3500	
Image of Tube					
Tube Capacity (ml)	250	50	25	15	5
Type of Tube	Plastic	Glass	Glass	Glass	Glass
Insert or Cushion No.	C 250R Included	(OLD - RA-2341)	(OLD - RA-2342)	RE 250-15R(5) (OLD - RA-2343)	RE 250-5R(13) (OLD - RA-2344)
Image of Insert (Set of 4, supplied with suitable bottom cushions)	No				
No of tubes/Insert	1	1	1	5	13
No of tubes/rotor	4	4	4	20	52
Ø x L (mm)	67.5 x 100	30 x 110	25 x 62.5	17 x 110	14 x 100
Tubes supplied	Yes	Yes	Yes	Yes	Yes

Swing Out Rotor R-235 M (8 x 96 WELL)		
C-23 Plus	CPR-24i Plus	C-30 Plus CPR-30 Plus
 Max. Speed RPM 3200 Max RCF (g) 1370		
Image of Tube		
Tube Capacity (ml)	8 x 96 wells	
Type of Tube	Microtiter	
No of tubes/rotor	8	
W x D x L (mm)	127 x 84 x 18	
Tubes supplied	No	

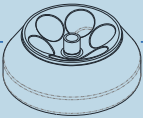
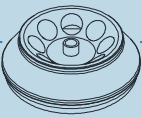
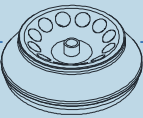
Swing Out Rotor R-230 BM + R-233 BM (108 x 5ml (RIA))	
C-23 Plus	C-30 Plus CPR-30 Plus
Max. Speed RPM 5100 Max RCF (g) 3980	Max. Speed RPM 4500 Max RCF (g) 3500
	
Image of Tube	
Tube Capacity (ml)	108 X 5 (RIA)
Type of Tube	RIA Plastic Tubes
Insert or Cushion No.	No
No of tubes/Carrier	27
No of tubes/rotor	108
Ø x L (mm)	12.4 x 76
Tubes supplied	Yes

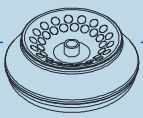
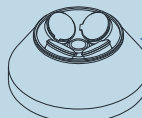
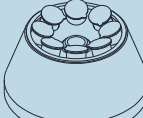
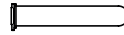
Swing Out Rotor R-240 M (16 x 50ml)	
C-30 Plus CPR-30 Plus	
Max. Speed RPM 3200 Max RCF (g) 2110	
	
Image of Tube	
Tube Capacity (ml)	50
Type of Tube	Conical
Insert or Cushion No.	C 4-50F Included
No of tubes/Insert	4
No of tubes/rotor	16
Ø x L (mm)	29 x 116
Tubes supplied	No

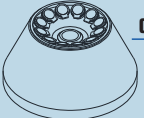
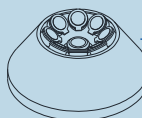
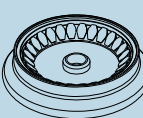
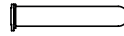
Swing Out Rotor R-240 AM (28 x 15ml)	
C-30 Plus CPR-30 Plus	
Max. Speed RPM 3200 Max RCF (g) 2110	
	
Image of Tube	
Tube Capacity (ml)	15
Type of Tube	Conical
Insert or Cushion No.	C 7-15F Included
No of tubes/Insert	7
No of tubes/rotor	28
Ø x L (mm)	16.5 x 120
Tubes supplied	No

Swing Out Rotor R-246 AM (4 x 25ml)			Image of Tube	
C-24 Plus CPR-24 Plus	CPR-24i Plus	C-30 Plus CPR-30 Plus	Tube Capacity (ml)	25
 <p>Max. Speed RPM 11000 Max RCF (g) 12180</p>			Type of Tube	Glass
			Insert or Cushion No.	C 25R Included
			No of tubes/Insert	1
			No of tubes/rotor	4
			Ø x L (mm)	28 x 62.5
			Tubes supplied	Yes

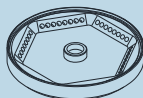
Angle Rotors

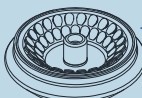
Angle Rotor R-236 M (6 x 200ml)			Angle Rotor R-237 M (8 x 100ml)			Angle Rotor R-238 M (12 x 50ml)		
C-23 Plus		C-30 Plus CPR-30 Plus	C-23 Plus		C-30 Plus CPR-30 Plus	C-23 Plus		C-30 Plus CPR-30 Plus
Max. Speed RPM 7000 Max RCF (g) 7400		Max. Speed RPM 7000 Max RCF (g) 7400	Max. Speed RPM 7000 Max RCF (g) 7400		Max. Speed RPM 7000 Max RCF (g) 7400	Max. Speed RPM 7000 Max RCF (g) 7400		Max. Speed RPM 7000 Max RCF (g) 7400
Image of Tube			Image of Tube			Image of Tube		
Tube Capacity (ml)	200		Tube Capacity (ml)	100		Tube Capacity (ml)	50	
Type of Tube	Plastic		Type of Tube	Plastic		Type of Tube	Plastic	
Insert or Cushion No.	No		Insert or Cushion No.	C 100R Included		Insert or Cushion No.	C 50R Included	
No of tubes/Insert	-		No of tubes/Insert	1		No of tubes/Insert	1	
No of tubes/rotor	6		No of tubes/rotor	8		No of tubes/rotor	12	
Ø x L (mm)	61 x 125		Ø x L (mm)	45.5 x 104		Ø x L (mm)	30 x 100	
Tubes supplied	Yes		Tubes supplied	Yes		Tubes supplied	Yes	

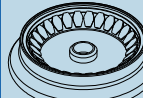
Angle Rotor R-239 M (36 x 15ml)			Angle Rotor R-241 M (4 x 100ml)			Angle Rotor R-243 M (8 x 25ml)		
C-23 Plus		C-30 Plus CPR-30 Plus		C-24 Plus CPR-24 Plus	CPR-24i Plus C-30 Plus CPR-30 Plus		C-24 Plus CPR-24 Plus	CPR-24i Plus C-30 Plus CPR-30 Plus
Max. Speed RPM 7000 Max RCF (g) 7400		Max. Speed RPM 7000 Max RCF (g) 7400		Max. Speed RPM 14500 Max RCF (g) 23980			Max. Speed RPM 18000 Max RCF (g) 31150	
Image of Tube			Image of Tube			Image of Tube		
Tube Capacity (ml)	15		Tube Capacity (ml)	100		Tube Capacity (ml)	25	
Type of Tube	Plastic		Type of Tube	Plastic		Type of Tube	Plastic	
Insert or Cushion No.	C 15R Included		Insert or Cushion No.	No		Insert or Cushion No.	No	
No of tubes/Insert	1		No of tubes/Insert	-		No of tubes/Insert	-	
No of tubes/rotor	36		No of tubes/rotor	4		No of tubes/rotor	8	
Ø x L (mm)	17 x 102		Ø x L (mm)	45.5 x 104		Ø x L (mm)	25 x 95	
Tubes supplied	Yes		Tubes supplied	Yes		Tubes supplied	Yes	

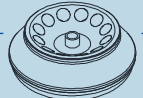
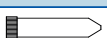
Angle Rotor R-244 M (12 x 15ml)			Angle Rotor R-247 M (8 x 50ml)			Angle Rotor R-248 M (24 x 2ml)		
	C-24 Plus CPR-24 Plus	CPR-24i Plus C-30 Plus CPR-30 Plus		C-24 Plus CPR-24 Plus	CPR-24i Plus C-30 Plus CPR-30 Plus		C-24 Plus CPR-24 Plus	CPR-24i Plus C-30 Plus CPR-30 Plus
	Max. Speed RPM 18000 Max RCF (g) 31150			Max. Speed RPM 16000 Max RCF (g) 30020			Max. Speed RPM 20000 Max RCF (g) 37570	
Image of Tube			Image of Tube			Image of Tube		
Tube Capacity (ml)	15		Tube Capacity (ml)	50		Tube Capacity (ml)	2	
Type of Tube	Plastic		Type of Tube	Plastic		Type of Tube	Plastic	
Insert or Cushion No.	No		Insert or Cushion No.	No		Insert or Cushion No.	No	
No of tubes/Insert	-		No of tubes/Insert	-		No of tubes/Insert	-	
No of tubes/rotor	12		No of tubes/rotor	8		No of tubes/rotor	24	
Ø x L (mm)	17 x 102		Ø x L (mm)	30 x 100		Ø x L (mm)	11 x 41	
Tubes supplied	Yes		Tubes supplied	Yes		Tubes supplied	Yes	

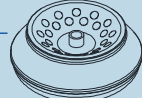
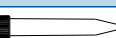
Specifications subject to change without notice

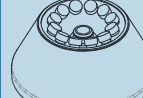
Angle Rotor R-249 M (6 Strips of 8 PCR x 0.2ml)		
C-24 Plus CPR-24 Plus	CPR-24i Plus	C-30 Plus CPR-30 Plus
 Max. Speed RPM 11000 Max RCF (g) 12180		
Image of Tube		
Tube Capacity (ml)	6 strips of 8 PCR	
Type of Tube	PCR	
Insert or Cushion No.	No	
No of tubes/Insert	-	
No of tubes/rotor	6	
Ø x L (mm)	6 x 78	
Tubes supplied	Yes	

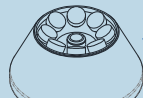
Angle Rotor R-250 M (48 x 1.5ml)		
C-24 Plus CPR-24 Plus	CPR-24i Plus	C-30 Plus CPR-30 Plus
 Max. Speed RPM 16000 Max RCF (g) 30020		
Image of Tube		
Tube Capacity (ml)	1.5	
Type of Tube	Plastic	
Insert or Cushion No.	No	
No of tubes/Insert	-	
No of tubes/rotor	48	
Ø x L (mm)	11 x 41	
Tubes supplied	Yes	

Angle Rotor R-251 M (28 x 1.5ml)		
C-24 Plus CPR-24 Plus	CPR-24i Plus	C-30 Plus CPR-30 Plus
 Max. Speed RPM 20000 Max RCF (g) 37570		
Image of Tube		
Tube Capacity (ml)	1.5	
Type of Tube	Plastic	
Insert or Cushion No.	No	
No of tubes/Insert	-	
No of tubes/rotor	28	
Ø x L (mm)	11 x 41	
Tubes supplied	Yes	

Angle Rotor R-238 MF (12 x 50ml)		
C-23 Plus	C-30 Plus CPR-30 Plus	
 Max. Speed RPM 7000 Max RCF (g) 7400		
Image of Tube		
Tube Capacity (ml)	50	
Type of Tube	Conical	
Insert or Cushion No.	C 50F	
No of tubes/Insert	1	
No of tubes/rotor	12	
Ø x L (mm)	29 x 116	
Tubes supplied	No	

Angle Rotor R-239 MF (24 x 15ml)		
C-23 Plus	C-30 Plus CPR-30 Plus	
 Max. Speed RPM 7000 Max RCF (g) 7400		
Image of Tube		
Tube Capacity (ml)	15	
Type of Tube	Conical	
Insert or Cushion No.	C 15F	
No of tubes/Insert	1	
No of tubes/rotor	24	
Ø x L (mm)	16.5 x 120	
Tubes supplied	No	

Angle Rotor R-244 MF (12 x 15ml)		
C-24 Plus CPR-24 Plus	CPR-24i Plus	C-30 Plus CPR-30 Plus
 Max. Speed RPM 14500 Max RCF (g) 28680		
Image of Tube		
Tube Capacity (ml)	15	
Type of Tube	Conical	
Insert or Cushion No.	No	
No of tubes/Insert	-	
No of tubes/rotor	12	
Ø x L (mm)	16.5 x 120	
Tubes supplied	No	

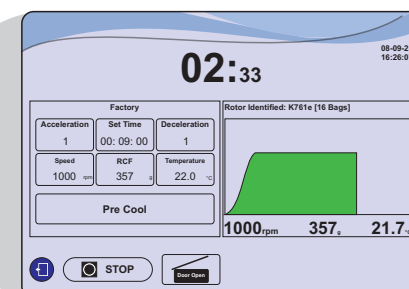
Angle Rotor R-247 MF (8 x 50ml)		
C-24 Plus CPR-24 Plus	CPR-24i Plus	C-30 Plus CPR-30 Plus
 Max. Speed RPM 14500 Max RCF (g) 28680		
Image of Tube		
Tube Capacity (ml)	50	
Type of Tube	Conical	
Insert or Cushion No.	No	
No of tubes/Insert	-	
No of tubes/rotor	8	
Ø x L (mm)	29 x 116	
Tubes supplied	No	

"Engineered with unmatched precision to deliver consistent and reliable results, every time."

**WORLD CLASS
PREMIUM RANGE**



KPR-90 Plus



Touch Screen Display

KPR-90 Plus are the next generation microprocessor controlled centrifuges with advanced features and breakthrough Performance providing high-speed precision. Centrifuge ensures quick and accurate separation in a wide variety of rotors. Rotor options are ideally suited for handling large volumes of serum separation for kits & Vaccine manufacturing Plants.

Salient Features:

- **Safety Assurance:** Includes built - in safety protocols, preventing excessive acceleration that could jeopardize sample integrity.
- **Increased Throughput:** Faster, more efficient runs results in improved productivity and reduced turnaround times.
- **Advanced Touch Screen:** Intuitive Interface & Gloves Friendly operation with menu drive settings
- **Wind shielded rotors** offer energy saving & better temperature management
- **Armoured Chamber** ensures minimized vibration & noise level
- **Lid interlocking** when the rotor is in motion & unlocking possible only when rotor stops completely
- Recovery of process in case of power interruption
- 15+15 Acceleration & deceleration profiles
- **Display** of real time run graph with set & run parameters
- **Programmable memory** with facility to set upto 400 centrifugation programs, 20 programs under each user profile
- 99 Programs memory & Pre Cooling
- **Onscreen** manual, Troubleshooting & process guide
- **Self diagnosis** of errors



2000 ml Bottle



Wind Shield Rotor



1000 ml Bottle

Specifications subject to change without notice

Technical Data						
Parameter	Unit	Swing Out rotors for KPR 90 Plus				
Max Speed	RPM	4200	4000		3860	
Max RCF	× g	5230	5300		5500	
Compatible Rotors with Suitable Carrier	Model	K-731	K-733	K-734	K-735	K-736
Max.Capacity	Liter	6	8	12	16	16
Max. Bottle Size	(Litres) X nos	1 x 6	2 x 4	2 x 6	1 x 16	2 x 8
Temperature range	°C	0 to +40				
Noise	db	Less than 55				
Drive Technology		Brushless induction motor with frequency drive				
Weight	kg	600				
Max Time	hh: min	0 to 99 hr 59 mins, Continuous run function				
Dimensions (W x D x H)	mm	950 x 1160 x 1010				
Voltage Stabilizer		10 KVA				
Compliance		IEC 61010-1:2016, IEC 61010-2-020:2016, EN 61326				
Supply : 220-240 Volts, 50 Hz, Single Phase						

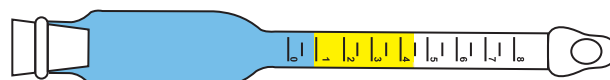
Rotors Listing			
Models	Description	Speed (rpm)	RCF 'g'
K-731	6 place wind shield swing out rotor with a set of 6 metal carriers each with capacity of 1ltr. with 6 nos 1ltr. polypropylene bottles.	4200	5230
K-733	4 place wind shield swing out rotor with a set of 4 metal carriers each with capacity of 2 ltr. with 4 nos 2 ltr. polypropylene bottles.	4000	5300
K-734	6 place wind shield swing out rotor with a set of 6 metal carriers each with capacity of 2 ltr. with 6 nos 2 ltr. polypropylene bottles.	4000	5300
K-735	8 place wind shield swing out rotor with a set of 8 metal carriers each with capacity of 2 ltr. with 16 nos 1 ltr. polypropylene bottles.	3860	5500
K-736	8 place wind shield swing out rotor with a set of 8 metal carriers each with capacity of 2 ltr. with 8 nos 2 ltr. polypropylene bottles.	3860	5500
Angle rotors			
K-905	Angle rotor 6 x 500 ml with polypropylene bottles.	6500	8250



Gerber Centrifuge



Butyrometer in compliance with DIN 12836/ BIS 1223:2001 for determining fat content according to Gerber's methos



Gerber Instruments founded by Dr. Niklaus Gerber is a pioneer for the quality determination of fat in milk and dairy products and solubility of milk powder according to Gerber for more than 120 years. The Gerber method is being used as reference method to determine the fat content worldwide. REMI is proud to be associated with Gerber to offer REMI-Gerber Centrifuge for the dairy industry.

For the determination of fat and fat extraction, centrifuges are the basic equipment in every laboratory. With this centrifuge, these tests can be carried out

- Fat determination according to Gerber
- Fat extraction according to Roese-Gottlieb and Mojonnier
- Solubility determination according to Gerber and ADPI

Specifications :

- Timer 0 to 99 minutes
- Automatic brake
- Heating with variable temperature setting upto 65°C
- Microprocessor control with digital reading
- Lid lock
- Inclusive of rotor to accommodate 12 butyrometers (not supplied)

Technical Data	
Model No.	Micro III
Control	Microprocessor control
Timer	0 to 99 minutes
Heating	1000 W adjustable up to 65°C
Dimensions (WxDxH) mm	430 x 520 x 280
Weighth	32 kg
Supply: 220-240 Volts 50 Hz Single Phase.	

Note:

This centrifuge can be used with butyrometers of any make


RQ - 121 / D

RQT - 124 A / D

RQ - 129 / D

An **overhead stirrer** is used for **efficiently and precisely mixing liquids**, especially those with **high viscosity** (thick liquids) or in **large volumes**. It uses a **motor-driven stirring shaft with an attached impeller** that directly agitates the material

AC / DC Direct Drive Stirrers

They are designed to meet requirements of laboratories demanding wide flexibility of stirring operations. These stirrers are available in various models. The choice of model will be dependent on the batch size / volume to be stirred.

Technical Data

Model	Stirring Shaft		Impeller		Motor	Speed (rpm)		Stirring Capacity		Digital Speed Indicator
	Length (mm)	∅ (mm)	Type	∅ (mm)		Min	Max	Type of Fluid	Max Volume (Water)	
Direct Drive Stirrers										
RQ-121/D	250	8	Axial Turbine	36	PMDC	200	2000	Water/Light Oil	10 Ltrs,	LED
RQ-126/D	450	10	Pitched Fan	75	PMDC	120	2000	Water/Light Oil	25 Ltrs,	LED
RQ-129/D	550	10	Pitched Fan	100	PMDC	100	1400	Water/Light Oil	50 Ltrs,	LED
RQM-122/R	250	6	Pitched Fan	38	AC/DC 1/20 HP	800	4000	Water	7 Ltrs,	✖
RQ-122/D	250	6	Pitched Fan	38	AC/DC 1/20 HP	800	4000	Water	7 Ltrs,	✖
RQ-124A/D	350	8	Pitched Fan	52	AC/DC 1/8 HP	400	4000	Water	20 Ltrs,	✖
RQT-124A/D	350	8	Pitched Fan	52	AC/DC 1/8 HP	400	4000	Water	20 Ltrs,	LED
RQ-134S/D	450	12	Pitched Fan x 2	55	AC/DC 1/4 HP	900	5000	Water	35 Ltrs,	✖
RQ-134L/D	450	12	Pitched Fan x 2	65	AC/DC 1/2 HP	900	6000	Water	60 Ltrs,	✖
RQ-134H/D	450	12	Pitched Fan x 2	75	AC/DC 2/3 HP	500	5000	Water	80 Ltrs,	✖
RQT-134H/D	450	12	Pitched Fan x 2	75	AC/DC 2/3 HP	500	5000	Water	80 Ltrs,	LED

Supply: 220-240 Volts 50 Hz Single Phase.

Specifications subject to change without notice

**ZERO
COMPROMISE MODELS**

- BRUSHLESS
- ECONOMICAL



RQ-5 Plus



RQ-100 Plus

Direct Drive Stirrers

REMI next generation of laboratory stirrers for stirring / mixing etc of chemical, pharmaceutical, food and cosmetic products.

Salient Features :

- High torque even at low speeds
- Monitoring of set & actual speed
- Wide range of impellers
- Advanced Stirrers with microprocessor technology
- Advanced Stirring speed control
- Constant speed even with change of load / Voltage
- Easy -to- read display of set & actual parameters
- Last parameter recall. Ideal for repetitive processes
- Motor protection in case of continuous overload
- Special base design for topple free operation
- Stirring Shaft SS316, Retort Rods SS304

Technical Data

Features	RQ-5 Plus	RQ-100 Plus
Max. stirring capacity (Water) (Liters)	5	100
Motor Type	BLDC	AC Induction, 3 phase
Motor Rating	10 watt	100 watt
Motor Range (rpm)	100 -1500	50-4000
Speed Display	LED	LED
Timer	0 to 99 Minutes	0 to 99 Minutes
Motor Overload Protection	LED light flash, auto stop	LED light flash, auto stop
Chuck Ø (mm)	1.5 to 10	1.5 to 13
Stirring Shaft Ø x length (mm)	6 x 380 mm	12 x 500
Impeller Type / Ø (mm)	Axial Turbine / 36	Pitched x 2 / 65
Dimensions [W x D x H] (mm)	80 x 180 x 370	320 x 285 x 620
Stand length (mm)	500	1200
Weight (Kg)	6.5	19
Power (W)	10 watt	175 watt
Supply: 220-240 Volts, 50 Hz Single Phase.		

Specifications subject to change without notice





RQ-20 Plus

BLDC Direct Drive Stirrers

Next generation of laboratory stirrers for stirring / mixing etc. of chemical, pharmaceutical, food and cosmetic products.

Salient Features :

- 2 models – 40 liters & 20 liters capacity
- Advanced Stirrers with microprocessor technology
- Speed range 50 – 2200 rpm
- Monitoring of set & actual speed
- Constant speed even with change of load / Voltage
- High torque even at low speeds
- Accurate stirring speed control
- Maintenance free Brushless DC motor ensures high torque
- Easy-to-read backlit LCD for display of set & actual parameters
- Display of speed
- Last parameter recall, ideal for repetitive processes
- Motor protection in case of continuous overload

Technical Data		
Features	RQ-40 Plus	RQ-20 Plus
Max. stirring capacity (Water) (Liters)	40	20
Motor Rating input (W)	120	60
Motor Rating Output (W)	100	50
Speed Range (rpm)	50-2200	50-2200
Speed Display	LCD	LCD
Max. torque (Ncm)	60	40
Torque Display	LCD	LCD
Motor Overload Protection	LED light flash, auto stop	LED light flash, auto stop
Chuck Ø (mm)	10	10
Stirring Shaft Ø x length (mm)	8 x 220	8 x 220
Impeller Type / Ø (mm)	4 Cross Blade / 50	4 Cross Blade / 50
Dimensions [W x D x H] (mm)	83 X 186 X 220	83 X 186 X 220
Stand length (mm)	750	750
Weight (kg)	2.4	2.4
Power (W)	130	70
Protection class acc. to DIN/EN 60529	IP 42	IP 42
Supply: 220-240 Volts, 50 Hz Single Phase.		

Specifications subject to change without notice

AC Direct Drive Stirrers

Specially designed AC stirrers for continuous mixing in viscous materials and solvents that change viscosity during mixing. Heavy duty brushless motor produces no spark. Flameproof model also available



RQ-140 / D



RQ-140 / DE



RQ-140 / DFP

Emulsifiers

Used to create a uniform and stable mixture (also called as emulsions) from two or more substances that would normally separate at high speeds by reducing the particle size of one substance and distributing them evenly throughout another liquid. These units are with Saw cutter impeller to reduce particle size and housed in flange type cage. Models are with digital RPM indicator (except RQ-127/D).

RQ - 140 / DE specially designed brushless AC variable speed Emulsifier driven by frequency inverter to ensure reproducible speed with any load. Steady & constant speed ideal for solutions that change viscosity during (mixing). Emulsifier has built in digital RPM indicator for process validation and reproducibility.

Technical Data										
Model	Stirring Shaft		Impeller		Motor	Speed (rpm)		Stirring Capacity		Digital Speed Indicator
	Length (mm)	Ø (mm)	Type	Ø (mm)		Min	Max	Type of Fluid	Max Volume	
AC Stirrers / Flameproof Stirrers										
RQ-140/D	730	10	4 Cross Blade	100	AC Brushless	100	1400	Water/Light Oil	40 Ltrs.	LED
RQ-140/DFP	550	10	4 Cross Blade	100	Flame Proof	100	1400	Water/Light Oil	40 Ltrs.	LED
Emulsifiers										
RQ-127/D	250	8	Saw Cutter	30	AC/DC 1/8 HP	300	6000	Water	8 Ltrs.	✕
RQT-127/D	250	8	Saw Cutter	30	AC/DC 1/8 HP	300	6000	Water	8 Ltrs.	LED
RQ-130/D		Discontinued								
RQT-130/D	480	12	Saw Cutter	40	AC/DC 1/4 HP	300	5000	Water	20 Ltrs.	LED
RQ-130B/D		Discontinued								
RQT-130B/D	480	12	Saw Cutter	60	AC/DC 2/3 HP	300	5000	Water	35 Ltrs.	LED
RQ-140/DE	480	12	Saw Cutter	40	AC Brushless	500	5000	Water	35 Ltrs.	LED
Supply: 220-240 Volts 50 Hz Single Phase.										

Specifications subject to change without notice


RQG-129 / D

RQ-128 / D

Geared Stirrers

Geared Stirrers are specially designed for a broad spectrum of applications to provide high torque at low speeds allowing them to efficiently mix highly viscous materials. Digital RPM display with step less speed regulations for continuous variation of speed as per customer requirements.

Technical Data										
Model	Stirring Shaft		Impeller		Motor	Speed (rpm)		Stirring Capacity		Digital Speed Indicator
	Length (mm)	∅ (mm)	Type	∅ (mm)		Min	Max	Type of Fluid	Max Volume	
Geared Stirrers										
RQG-121/D	250	6	Axial Turbine	36	PMDC	50	550	Light Oil	5 Ltrs,	LED
RQG-126/D	450	8	4 Cross Blade	75	PMDC	50	750	Paint / Gear Oil	15 Ltrs,	LED
RQG-129/D	550	10	4 Cross Blade	100	PMDC	50	550	Paint / Gear Oil	25 Ltrs,	LED
RQ-128/D	310	8	4 Cross Blade	90	AC/DC 1/20 HP	50	150	Light Oil	3 Kgs	×
RQ-128B/D	310	8	4 Cross Blade	90	AC/DC 1/8 HP	50	150	Light Oil	7 Kgs	×
RQ-128D/D	450	12	4 Cross Blade x 2	120	AC/DC 1/2 HP	50	280	Light Oil	20 Kgs	×
RQG-128A/D	450	8	4 Cross Blade	75	AC Brushless	50	550	Water	10 Kgs	×
RQG-128C/D	450	10	4 Cross Blade	90	AC Brushless	50	500	Paint / Gear Oil	20 Kgs	×
Supply: 220-240 Volts 50 Hz Single Phase.										

Specifications subject to change without notice

Impellers are crucial components of overhead stirrers, responsible for generating the mixing action within a liquid. Different impeller designs create distinct **flow patterns** (axial, radial, tangential) and exert varying degrees of **shear force**, making them suitable for specific applications based on the liquid's **viscosity** and the desired **mixing outcome**.

Axial Turbine

Axial flow from top to bottom for stirring in round vessels



Pitched Fan

Radial flow from top to bottom for medium to high speed. For aeration of low viscosity media



Saw Cutter

Radial flow from top to bottom for medium to high speed with high shearing force



4 Cross Blade

Axial flow from top to bottom for medium to high speed



Teflon Pestle

For Homogeniser



Homogenizers



RQ-127 A / D

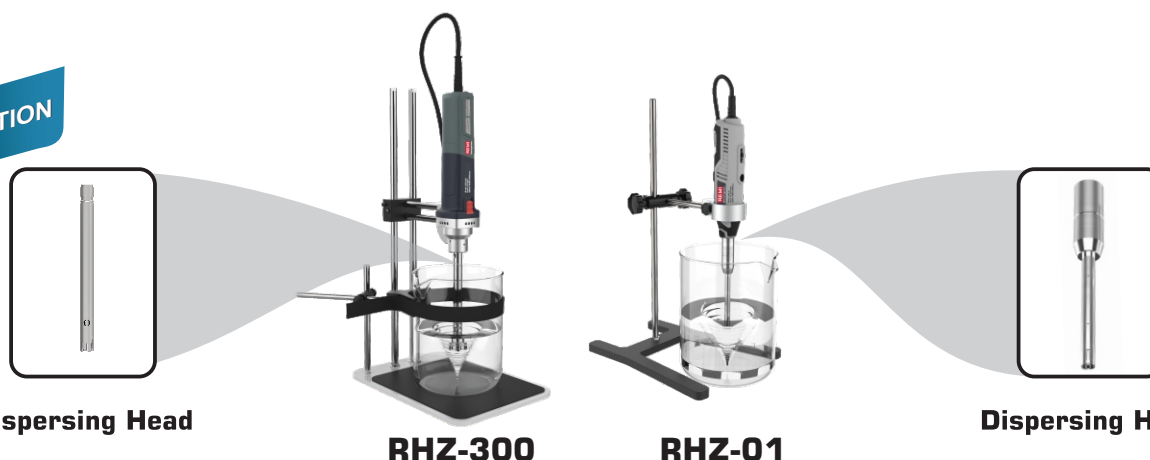
Homogenizers

RQ - 127A / D suitable for homogenizing of tissues at high speed available. Chuck to hold shaft upto 10 mm dia. Fitted with PTFE grinding pestle. Glass homogenising cup with rod of 50ml supplied as standard, optional available 5 ml, 15 ml, 25 ml & 100 ml. RQT-127A/D is with digital RPM indicator

Technical Data								
Model	Stirring Shaft		Impeller	Motor	Speed (rpm)		Stirring Capacity	Digital Speed Indicator
	Length (mm)	Ø (mm)	Type		Min	Max	Max Volume	
RQ-127A/D	275	8	Teflon Pestle	AC/DC 1/8 HP	300	8000	upto 100 ml.	✕
RQT-127A/D	275	8	Teflon Pestle	AC/DC 1/8 HP	300	8000	upto 100 ml.	LED

Supply: 220-240 Volts 50 Hz Single Phase.

Specifications subject to change without notice



Dispersing Head

RHZ-300

RHZ-01

Dispersing Head

Homogenizers are used to break down and disperse particles or droplets within a liquid to create a uniform, stable, and consistent mixture. This process, known as homogenization, is crucial in a vast array of industries for both research and commercial manufacturing. Homogenization ensures Particle Size Reduction, Emulsification, Dispersion, Increased Stability, High-Shear Mixing. The end use of the product dictates the type of homogenizer and the degree of homogenization required. **Basic unit is supplied without Dispersing Head.**

Salient Features for RHZ-300:

- Replaceable 3 Dispersing heads
- Twin Rods for stability
- Container holding belt with clamping bar
- Anti-slip stand
- Brushless DC Motor

Salient Features for RHZ-01:

- Easy Replaceable 3 Dispersing Heads
- Powerful Motor
- Speed adjustment with help of wheel
- Ideal for Micro batch processing

Technical Data		
Model	RHZ-300	RHZ-01
Speed Control	6 Steps with wheel	6 Steps with wheel
Speed Range	9000-28000rpm	5000-35000rpm
Capacity	150-10000ml	0.5-250ml
Dispersing Head Material	316 stainless steel	316 stainless steel
Continuous working time	≤ 10min	≤ 10min
Power	1300W	160W
Dimension (WxDxH)	350x250x650(mm)	Ø50x355mm

Supply: 220-240 Volts, 50 Hz Single Phase

Dispersing Head for Homogenizer (RHZ-300)

Dispersing Heads Options	RHZ-300-18	RHZ-300-25	RHZ-300-36
Ø x Length (mm)	18x225	25x225	36x225
Capacity Range	150~3000ml	250~5000ml	500~10000ml
Speed Range	10000~28000rpm	9000~28000rpm	9000~25000rpm
Suitable Viscosity	5000mPa.s	8000mPa.s	10000mPa.s

Dispersing Head for Mini Homogenizer (RHZ-01)

Dispersing Heads Options	RHZ-01-06	RHZ-01-08	RHZ-01-10
Ø x Length (mm)	6 x 155	8 x 155	10 x 155
Capacity Range	0.5-50ml	1-100ml	5-250ml

Specifications subject to change without notice

Salient Features:

- LED Display of Speed
- Compact unit, small foot print
- Last memory recall
- Small wall mounted power adaptor
- IP-42 Protection level
- Supplied with PTFE Stirring Paddle



MS-1 Plus

Technical Data	
Model	MS-1 Plus
Max Stirring Volume (Water)	1 Litre
Motor Type	Brushless
Speed range (RPM)	200-2000
Working Plate dia (mm)	135
Stirring paddle (PTFE coated) (mm)	11 x 30
Shell Protection Level	IP-42
Dimension (WxDxH) (mm)	168x160x47

Supply: 220-240 Volts, 50 Hz Single Phase.

Multi Magnetic Stirrers



MS-6P

Multi Magnetic Stirrer is useful where uniform mixing of multiple samples is required under identical or controlled conditions

Salient Features:

- 6 positions, capacity 500ml each
- Individual setting of speed & time for each position
- LCD Display of speed & time
- Incremental speed in 10 rpm

Technical Data	
Model	MS-6P
Number of Stirring Points	6
Max capacity	6 x 500ml
Working Plate dia (mm)	6 x (110 x 110)
Motor	Brushless motor
Speed Range (RPM)	50 -1500
Timer Range	1min-19h59min
Stirring Paddle (PTFE coated)	8 x 30 mm
Dimension (WxDxH)	220 x 430 x 65mm

Supply: 220-240 Volts, 50 Hz Single Phase.

Specifications subject to change without notice



1-ML

Magnetic Stirrers

“ML” series of Magnetic Stirrers with stainless steel top housing are most compact models. Permanent Magnet DC (PMDC) motor gives high torque even at lower speeds and maintains speed stability despite viscosity or volume changes.



1-MLH

Accurate stepless speed control with digital display allows smooth variation up to 1200 rpm. “MLH” series Magnetic Stirrers with hot plate are similar to the ML series of magnetic stirrers but have additional stainless steel hot plate. Heat energy is controlled by energy regulator.

Technical Data

Model	MS-500	1-ML	2-ML	5-ML	1-MLH	2-MLH	5-MLH
Max, stirring Capacity (Water) (Liters)	500 ml	1	2	5	1	2	5
Heating power (W)	-	-	-	-	150	300	500
Dimension of Top Plate (mm)	105 x 135	180 x 200	180 x 200	180 x 200	175 x 230	175 x 230	180 x 230
Stirring Paddle (PTFE coated) (mm)	Q-18A (7 x 15)	Q-19 (9 x 25)	Q-19A (9 x 35)	Q-20A (13 x 50)	Q-19 (9 x 25)	Q-19A (9 x 35)	Q-20A (13 x 50)
Speed range (rpm)	100-1500	100-1500	100-1500	100-1500	100-1500	100-1500	100-1500
Speed display (LED)	NO	YES	YES	YES	YES	YES	YES
Top Plate Material	Stainless Steel 304 grade						
Dimensions (W x D x H) (mm)	105x135x70	180x200x160	180x200x160	180x220x150	175x230x175	175x230x175	180x230x180
Supply: 220-240 Volts 50 Hz Single Phase.							



MS 800 Plus

Ultra - flat compact magnetic stirrer. Wear - free with no moving parts. To ensure better mixing, the lab disc can reverse direction of rotation automatically every 30 seconds

- No moving parts - truly maintenance free
- Digital Display of Speed
- Microprocessor controlled with last run memory feature

- Pulse mode - reverses the direction every 30 secs for proper mixing
- Corrosion resistant SS top surface to fight harsh chemicals
- Supplied with 1 (one) high strength 25mm stir bar

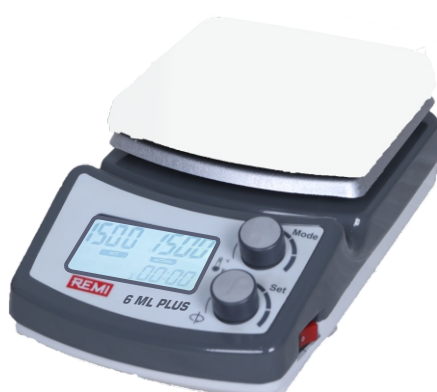
Technical Data

Specifications	MS-800 Plus
Speed Range	50-1500 RPM
Load capacity (Water)	800 ml
Recommended Stir bar length	25 mm
Last run memory	Yes
Dimensions (W X D X H)	120 x 164 x 12 mm
Protection Class	IP 65 compliant design (Water spill resistant)

Specifications subject to change without notice



3 ML Plus



6 ML Plus



20 ML Plus

Remi presents the next generation of magnetic stirrers with new stir technology.

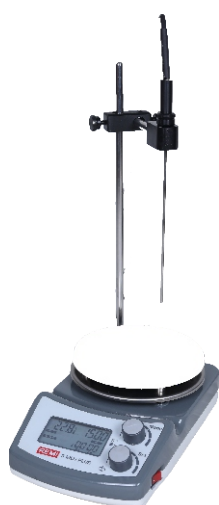
Salient Features :

- Different models for stirring up to 20 ltrs
- Speeds range 150 - 1800 rpm
- Easy to read backlit LCD for display of set & actual parameters
- Monitoring of set & actual speed
- Advanced Stirrers with microprocessor technology.
- Constant speed even with change of load/ Voltage
- Maintenance free brushless motor
- Scratch proof & excellent chemical resistance
- Last parameter recall, ideal for repetitive processes
- Ceramic coating on top plate for improved corrosion resistance (3 ML Plus & 6 ML Plus)
- Countdown timer

Technical Data			
Model	3-ML PLUS	6-ML PLUS	20-ML Plus
Power (W)	50	50	50
Max. stirring quantity (Water) (Liters)	3	6	20
Stirring Paddle (PTFE coated)	Q-19A (9 X 35mm)	Q-20A (13 x 50 mm)	Q-20A (13 X 50mm)
Speed range (rpm)	150-1800	150-1500	150-1500
Speed / Temperature display	LCD		
Speed display resolution (rpm)	1		
Top Plate Material	Aluminium Alloy	Aluminium Alloy	Stainless Steel
Coating on Top Plate	Ceramic	Ceramic	-
Dimension of Top Plate (mm)	Φ 154	157 x 157	300 x 350
Timer	00:01 to 99:59 (Hr:Min) and Continuous Mode		
Dimensions (W x D x H) (mm)	169 x 290 x 105	169 x 290 x 105	300 x 350 x 100
Protection class acc. To DIN En60529	IP 21	IP 21	-

Supply: 220-240 Volts, 50 Hz Single Phase.

Specifications subject to change without notice



3 MLH Plus



6 MLH Plus



10 MLH Plus

Remi presents the next generation of magnetic stirrers with new stir technology and hot plates to use in temperature up to 550°C.

Salient Features :

- Speed range 150 - 1800 rpm
- Stainless steel Hot Plate model for temperatures upto 350°C (5 MLH Plus)
- Ceramic Hot Plate model for temperatures up to 550°C (10 MLH Plus)
- Ceramic coated on top plate models for improved corrosion resistance (3 MLH Plus & 6 MLH Plus)
- Easy to read backlit LCD for display of set & actual parameters
- Monitoring of set & actual temperature / speed
- High accuracy of temperature control with embedded dual sensors
- Advance Stirrers with microprocessor technology.

- Constant speed even with change of load/Voltage
- Maintenance free brushless motor
- Scratch proof & excellent chemical resistance
- Last parameter recall, ideal for repetitive processes
- Unique safety temperature control system
- Settable safe temperature limit to avoid overheating
- Residual Temperature warning when unit is switched off for operator safety
- Countdown timer

Optional Accessory :

Ext . probe - PT-1000 sensor complete with suitable stand

Technical Data

Model	3-MLH PLUS	5-MLH PLUS	6-MLH PLUS	10-MLH PLUS
Max. stirring quantity (Water) (Liters)	3	5	6	10
Stirring Paddle (PTFE coated)	Q-19A (9 X 35mm)	Q-19A (9 x 35 mm)	Q-20A (13 x 50 mm)	Q-20A (13 x 50 mm)
Speed range (rpm)	150-1800	150-1500	150-1500	150-1500
Speed / Temperature display	LCD			
Speed display resolution (rpm)	1			
Top Plate Material	Aluminium Alloy	Stainless Steel	Aluminium Alloy	Ceramic Glass
Coating on Top Plate	Ceramic	-	Ceramic	-
Dimension of Top Plate (mm)	φ 154	φ 154	157 x 157	184 x 184
Timer	00:01 to 99:59 (Hr:Min) and Continuous Mode			
Heating power (W)	450	500	600	1000
Temperature Range	50 - 300°C	upto 350 °C	50-350°C	upto 550°C
Residual Heating Warning Alarm	Above 50 °C			
Control accuracy of temperature	±1°C (with external PT-1000 sensor)			
Dimensions (W x D x H) (mm)	169 x 290 x 105	169 x 290 x 105	169 x 290 x 105	360 x 215 x 112
Protection class acc. To DIN En60529	IP 21			

Supply: 220-240 Volts, 50 Hz Single Phase.

Specifications subject to change without notice

Salient Features for CM-101 Pro:

- Automatic start / stop on sensing operator hand
- Soft silicon cap
- Visual indication of mixing
- Large mixing area
- Feather touch keys
- Adjustable Speed
- Suitable for a variety of containers



CM-101 Pro

Technical Data	
Model	CM-101 Pro
Speed Range	100-3000 rpm
RPM Increment	100 rpm
Control Mode	Continuous / Auto sensing
Motor	Brushless motor
Amplitude	4mm (Orbital)
Display of Speed	LCD
Dimension (WxDxH)	150x150x45mm

Supply: 220-240 Volts, 50 Hz Single Phase.

Digital Vortex Mixers



CM-101 Ultra

Salient Features for CM-101 Ultra

- Compact size with high capacity
- Stable operation with heavy base
- Brushless motor with strong power
- Multipurpose adaptor / large handling capacity
- Feather touch keys
- Easy to switch, touch/run

Hybrid Adaptor Max speed RPM 3000				
Image of Tube				
Tube Capacity (ml)	2 / 1.5	0.5	2 Strips of 8 x 0.2	1 x 96 wells
Type of Tube	Micro	Micro	PCR	MTP Plate
No of tubes	8	12	2	1
Ø x L (mm)	11 x 41	7.5 x 31	6 x 78	W127 x D84 x L18
Tubes supplied	No	No	No	No

Technical Data	
Model	CM-101 Ultra
Speed Range	100-3000 rpm
Control Mode	Continuous / Touch
Motor	Brushless motor
Amplitude	4.5mm (Orbital)
Display of Speed	LCD
Timer range	1 min - 8 hours
Shell Protection Level	IP-21
Dimension (WxDxH)	150x150x77mm

Supply: 220-240 Volts, 50 Hz Single Phase.

Specifications subject to change without notice

Vortex Mixer / Cyclomixer is a compact, high-speed mixing device designed for rapid and efficient mixing of samples, making it an essential tool for modern laboratories.



VM-100

The Multi-Tube Vortexer is designed for mechanical and chemical cell lysis, mixing suspensions, and general sample agitation. The Multi-Tube Vortex mixer is a tool to provide that extra degree of mixing, however it accommodates full racks of tubes or microwell plates, vials or cylinder as opposed to single tubes.

The variable speed microprocessor control provides consistent uniform mixing action

LCD Display : Touch pad controls with easy-to-read, independent LCD displays for speed and time allow operator to view both settings at once.

Pulsing Mode : Programmable pulsing mode allows user to adjust the pulse-on and pulse-off times between 1 and 59 seconds in 1 second intervals.

Optional : 50 ml adaptor (15x50ml) also available on request

Technical Data	
Model	VM-100
Speed Range*	500 to 2500
Timer	1 sec to 999 Hrs.
Orbit	3.6 mm
Maximum Capacity	24 x 15 ml
Duty rating	Continuous
Tray Dimensions (LxW) mm	313 x 180
Overall Dimensions (WxDxH) mm	400 x 325 x 430
Supply: 220-240 Volts 50 Hz Single Phase.	

* Maximum speed will vary depending on load

Cyclomixers

Salient Features:

- Designed for mixing liquids in Schools, Laboratories & Factories
- Touch/Continuous Operation mode Selection through bi-directional Switch
- Speed Regulation through knob
- Interchangeable mixing heads for use with variety of tubes
- Supplied with all interchangeable mixing heads



CM-101 Plus



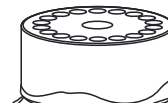
CM-101

Technical Data		
Model	CM-101 Plus	CM-101
Shaking Movement	Orbital	
Orbital Diameter (mm)	4	
Motor Type	Shaded-Pole Motor	
Permissible ON time	100% Power 30mins	
Speed range (rpm)	Upto 2900	
Run type	Continuous / touch operation	
Dimensions (WxDxH) mm	185 x 150 x 165	178 x 141 x 148
Weight (Kg)	2.8	3.6
Supply: 220-240 Volts 50 Hz Single Phase.		

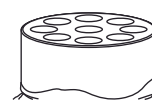
Interchangeable Mixing Heads	
Model	Description
CM-01	Universal top 100 mm- plate attachment
CM-01/01	Tube adapter for 18 holes test tubes Ø 10mm [use with CM-01]
CM-01/02	Platform pad for < Ø 99mm tubes and small vessels [use with CM-01]
CM-01/03	Tube adapter for 8 holes test tube Ø 20mm [use with CM-01]



CM - 01



CM - 01/01



CM - 01/03

Specifications subject to change without notice



DB-10



DB-10 XL

REMI dry bath adopts advanced design concept and manufacturing technology. A compact and sturdy structure, as well as strong versatility, easy operation makes it a good scientific research equipment. Microprocessor controlled for heating/cooling. Widely used in sample preservation and reaction, DNA amplification and electrophoresis of pre-denaturation, serum coagulation, medicine, chemical industry, food safety, quality inspection environment etc.

Optional for DB-10 XL: Hightened lid suitable for blocks model No. M-24x5, M-12x5 /15 and M-6x50 at extra cost

Technical Data

Model	DB-10	DB-10 XL
Temperature Range	Room temp. minus 15°C to 100°C	
Temperature Stability	±0.5°C	
Display	LCD for Temperature & Time	
Max heating rate	5°C / min	
Multi-program operation	Yes	
No. of Programs	9	
Time Setting Range	5s-23h59min	
Dimension (WxDxH)	115x160x100mm	160x170x102mm

Supply: 220-240 Volts, 50Hz Single Phase.

A wide variety of **replaceable aluminium blocks** (to be ordered separately) for different types of tubes make the units truly versatile. **Cooling is achieved by Peltier technology. Audio indication on completion of cycle.**

Essential Heating Blocks for DB-10 & DB-10 XL (To be ordered separately)

Mini Dry Bath DB-10		Dry Bath DB-10 XL	
Block Model No.	Capacity	Block Model No.	Capacity
M-40x0.2	40 x 0.2ml tubes	M-96x0.2	96 x 0.2ml tubes
M-24x0.5	24 x 0.5ml tubes	M-48x0.5	48 x 0.5ml tubes
M-15x1.5	15 x 1.5ml conical bottom tubes	M-35x1.5	35 x 1.5ml conical bottom tubes
M-15x2	15 x 2.0 ml round bottom tubes	M-35x2	35 x 2.0ml round bottom tubes
		M-24x5	24 x 5ml blood tubes
		M-12x5/15	12 x 5ml micro/15ml conical tubes
		M-6x50	6 x 50ml conical tubes



M-40x0.2



M-24x0.5



M-15x1.5



M-15x2



M-96x0.2



M-48x0.5



M-35x1.5



M-35x2



M-24x5



M-12x5/15



M-6x50

Specifications subject to change without notice



DBS-10



Heat Lid

REMI DRY BATH SHAKING INCUBATOR adopts advanced design concept and manufacturing technology. It has the advantages of compact and firm structure, high versatility and simple operation. **DRY BATH SHAKING INCUBATOR** has multi-purpose functions such as cooling, heating and shaking. It is ideal for sample incubation, catalysis, mixing and storage. A wide variety of **replaceable aluminium blocks** (to be ordered separately) for different types of tubes make the unit truly versatile. **Cooling is achieved by Peltier technology.** Audio indication on completion of cycle. **Safety protection for over speed running by Auto detection of block height.**

Technical Data

Model	DBS-10
Temperature Range	Room temp. minus 15°C to 100°C
Temperature Stability	±0.5°C
Max heating rate	5°C / min
No. of Programs	9
Sequential Program Run	Yes
Speed	100-1500 rpm(Low Block) / 100-800 rpm(High Block)
Timer Range	5secs - 24hours
Heat Lid for improved Temperature stability (Optional)	Suitable for MS-96x0.2, MS-24x0.5, MS-24x1.5, MS-24x2, MS-Flat
Dimension (WxDxH)	190x265x150mm

Supply: 220-240 Volts, 50Hz Single Phase.

Essential Blocks for DBS-10 (To be ordered separately)

Block Model No.	Block Height	Capacity
MS-96x0.2	Low	96 x 0.2ml tubes/96-well plate/PCR Strip
MS-24x0.5	Low	24 x 0.5ml tubes
MS-24x1.5	Low	24 x 1.5ml conical bottom tubes
MS-24x2	Low	24 x 2ml round bottom tubes
MS-8x15	High	8 x 15ml conical tubes
MS-4x50	High	4 x 50ml conical bottom tubes
MS-Flat	Low	Suitable for 96 well Elisa/Culture plate



MS-96x0.2



MS-24x0.5



MS-24x1.5



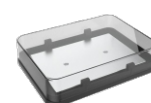
MS-24x2



MS-8x15



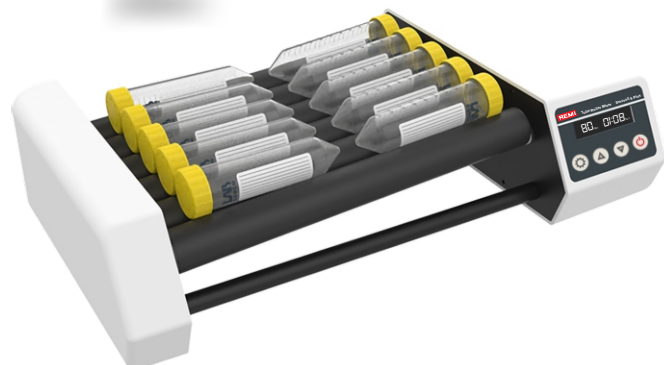
MS-4x50



MS-Flat

Specifications subject to change without notice





SeroRoll-6 Plus

Specially designed to achieve uniform consistency in serological samples. Rolling bed is designed to mix all size samples in Blood Tubes, Conical Tubes, Culture Bottles etc

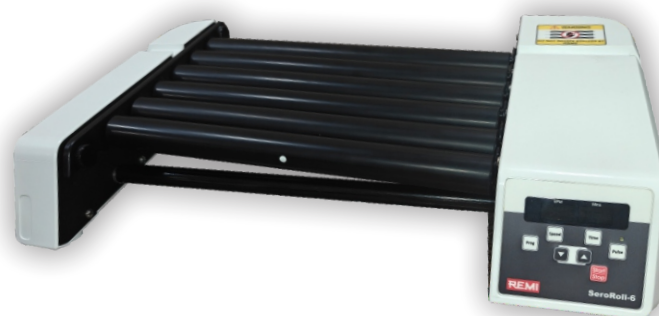
Salient Features:

- Gentle rocking & rolling for optimum mixing
- Timing function
- Adjustable speed
- Brushless motor with quiet operation.

Technical Data	
Model	Seroroll-6 Plus
Speed	20 – 80 rpm
Number Of Rollers	6
Roller Size	34 x 280mm
Motor Type	Brushless
Motion	Rocking and rolling
Operation type	Continuous and timed operation
Display	LCD
Timer range	1min - 23h59min
Dimensions (WxDxH)	440 x 255 x 105 mm

Supply: 220-240 Volts, 50 Hz Single Phase.

SeroRoll-6 is specially designed to achieve uniform consistency in serological samples, eventually helps in increasing the sensitivity of the planned testing. Rolling bed of **SeroRoll-6** is designed to mix all size samples in blood sample tubes, falcon tubes, culture bottles, etc.



Seroroll-6

Salient Features :

- Gentle ROCKING and ROLLING system for optimum mixing
- Suitable for mixing blood sample and viscous substance
- Adjustable speed ranging from 10 to 80 RPM
- Adjustable timer ranging from 0 min to 99 mins and infinite
- Error indication for overloading of samples

Technical Data	
Model	Seroroll-6
Motor Type	BLDC motor
Motion	Rocking and rolling
Number of tubes	15 x 7 ml Blood Tubes
Roller size	30 x 327 mm
Speed range	10 to 80 RPM
Timer range	0 to 99min.
Operation type	Continuous and timed operation
Tilt angle	3°
Dimensions (W x D x H) mm	496 x 107 x 292

Supply: 220-240 Volts, 50 Hz Single Phase.

Specifications subject to change without notice



RS-18 Plus



RS-12R

For gentle mixing of fluids in test tubes & glass vessels in pathology, microbiology, chemistry, molecular biology & biotechnology.

Model **RS-12 Plus & RS-18 Plus** shakers are with universal platform suitable to

accommodate interchangeable clamps of assorted sizes. A variety of clamps are available.

Model **RS-12R** shakers are with built-in speed regulator. These shakers have platform with 3 adjustable rollers.

Technical Data				
Model		RS-12 R	RS-12 Plus	RS-18 Plus
Speed Range	rpm	80 to 180	50 to 400	50 to 250
Platform Size	inches	7 x 11	12 x 12	20 x 20
Flasks Capacity (max)		-	5 x 500 ml	4 x 2000 ml
Overall Dimensions	W x D x H (mm)	270 x 260 x 156	320 x 415 x 130	520 x 613 x 155
Speed Indicator		Digital	Digital	Digital
Digital Count down Timer	minutes	199	199	199
Motor	Type	PMDC	Brushless DC	
Shaking Orbit	mm	10	10	10

Supply: 220-240 Volts, 50 Hz Single Phase.

Essential Clamps for RS-12 Plus & RS-18 Plus								
Models	Platform Size	Max. Volume	Max. No. of clamps (To be ordered separately)					
			2000 ml.	1000 ml.	500 ml.	250 ml.	150 ml.	100ml/ 50ml
RS-12 Plus	12" x 12"	2.5 Litres	-	-	5	9	9	9
RS-18 Plus	20" x 20"	9 Litres	4	9	13	25	25	25

Rocker Shakers



RS-10 Pro

Salient Feature:

- Timing Function
- Adjustable speed
- Speed increases in step of 1 RPM
- Choice of timed & Continuous mode
- Suitable for a variety of containers

Technical Data	
Model	RS - 10 Pro
Motor	Geared
Speed	10 - 80rpm
Timer Range	1min - 24hrs
Max Load	2kg
Display	LCD
Tilt Angle	7°
Tray size in mm	Silicone tray 250 x 250
Dimensions (WxDxH)	355 x 260 x 135 mm

Supply: 220-240 Volts, 50 Hz Single Phase

Specifications subject to change without notice

**WORLD CLASS
PREMIUM RANGE**



RS - 24 Plus

Ideal for mixing and development of cultures, chemicals, solvents, and assays etc. in Microbiological, Cell Culture & Life Science laboratories.

Brushless Induction drive motor with frequency drive makes the unit suitable for continuous non-stop operation. Step less electronic frequency control ensures gentle start and maintains preset speed. Compact counter balanced drive mechanism ensures high stability and reliability even in continuous operation & uneven load distribution.

Salient Features :

- 4" Large LCD display
- Universal Platform with rounded corners to accommodate interchangeable clamps of assorted sizes
- Brushless induction motor with VFD speed control
- Elegant Plastic front
- Variable speed 20 -300 RPM
- Shaking amplitude 40 mm
- Auto start after power resumption

Technical Data

Models	Platform Size	Max. Volume	Max. No. of clamps (To be ordered separately)					
			2000 ml.	1000 ml.	500 ml.	250 ml.	150 ml.	100ml/ 50ml
RS-24 Plus	24" x 24"	26 Litres	13	16	25	36	64	64

Supply: 220-240 Volts, 50 Hz Single Phase.

Specifications subject to change without notice





RVO-50

Vacuum Ovens are very versatile pieces of equipment with applications in laboratory research, engineering, and industry. Vacuum oven is generally used for drying of substances which are hygroscopic and heat sensitive and is based on the principle of creating a vacuum to decrease the chamber pressure below the vapour pressure of the water causing it to boil. It can be filled with inert gases, especially for rapid drying of some compound material. The low pressure environment also minimizes oxidation during drying.

The materials to be dried are kept on trays and pressure is reduced by means of vacuum pump. Steam is passed through the space between trays and jacket, so that heat transfer occurs by conduction. The oven door is locked airtight and connected to vacuum pump to reduce the pressure. Microprocessor controller with digital display ensures precise and homogenous temperature control. Dual layer tempered glass door is provided for clear observation. Adjustable aluminum expansion shelves ensure optimal heat transfer within oven chamber.

Technical Data	
Model	RVO - 50
Temperatue Range / Accuracy	RT+ 10°C to 200°C / $\pm 1^{\circ}\text{C}$
Display Resolution	0.1°C
Vacuum Degree	133Pa
Chamber Material	Stainless Steel
Aluminium Shelves	2
Ambient Temperatures	+5-40°C
Power Consumption	1450W
Internal Dimension (WxDxH) (mm)	415x370x345
External Dimension (WxDxH) (mm)	730x560x550
Supply: 220-240 Volts 50 Hz Single Phase.	

Specifications subject to change without notice



RDHO-50



RDHO-80 (GMP)

REMI Dry hot air oven — RDHO series are specially designed to achieve extreme dryness by evaporating all moisture contents from the biomass or other material. Microprocessor control helps in achieving precise high temperature with forced convection. Suitable for varied applications in laboratories and scientific research institutions

GMP Models are with Inner & Outer Stainless Steel, 304 grade

Salient Features :

- Microprocessor PID controller (with timing function)
- Polished stainless-steel chamber with rounded corners for easy & quick cleaning
- Uniform distribution of air temperature
- Forced-air convection
- Double layer glass door, larger viewing window

Technical Data				
Model	RDHO 50	RDHO 80	RDHO 130	RDHO 220
Internal dimension (W × D × H) mm (Standard)	420 x 395 x 350	450 x 400 x 450	550 x 450 x 550	600 x 500 x 750
External dimension (W × D × H) mm (Standard)	720 x 590 x 520	740 x 618 x 630	935 x 860 x 850	980 x 930 x 1050
Internal dimension (W × D × H) mm (GMP)	420 x 395 x 350	450 x 400 x 450	550 x 450 x 550	600 x 500 x 750
External dimension (W × D × H) mm (GMP)	798 x 807 x 642	828 x 812 x 742	935 x 860 x 850	980 x 930 x 1050
Chamber Volume (Litres)	50	80	130	220
Temperature range	RT+10°C-300°C			
Temperature accuracy	±1°C			
Display resolution	0.1°C			
Timing range	1-9999min			
Shelves (Nos)	2	2	3	4
Power consumption (Watts)	1500	1500	2000	2600
Supply: 220-240 Volts, 50 Hz Single Phase.				

Specifications subject to change without notice



RHI-50



RHI-80 (GMP)

REMI heating incubators - **RHI** series are suitable for achieving precise incubation temperature of different laboratory samples required for optimizing reaction sensitivity

GMP Models are with Inner & Outer Stainless Steel, 304 grade

Salient Features :

- Microprocessor controller
- Interior is made of polished stainless steel with rounded corners for easy & quick cleaning.
- The space between the shelves is adjustable.
- Full inner glass door for easy observation
- Self-check function easy to identify problems.
- Over temperature and temperature difference alarms

Technical Data				
Model	RHI 50	RHI 80	RHI 160	RHI 270
Internal dimension (W × D × H) mm (Standard)	415 x 360 x 355	500 x 400 x 400	500 x 500 x 650	600 x 600 x 750
External dimension (W × D × H) mm (Standard)	670 x 480 x 500	765 x 515 x 545	800 x 885 x 875	900 x 990 x 980
Internal dimension (W × D × H) mm (GMP)	415 x 360 x 355	500 x 400 x 400	500 x 500 x 650	600 x 600 x 750
External dimension (W × D × H) mm (GMP)	715 x 745 x 580	800 x 700 x 625	800 x 885 x 875	900 x 990 x 980
Chamber Volume (Litres)	50	80	160	270
Shelves (Nos)	2	2	3	4
Temperature range / Accuracy	RT+5°C-65°C / ± 1°C			
Display resolution	0.1°C			
Timing range	1 min to 9999 min			
Type of heating	Forced air convection			
Power consumption (Watts)	300	400	1500	1500
Supply: 220-240 Volts, 50 Hz Single Phase.				

Specifications subject to change without notice



RWB-6



RWB-12

REMI Water Bath is multipurpose water bath with six holes/ twelve holes to hold different size samples for easy & hygienic heating. Water Bath provides precise and constant temperature helps achieving uniform heating for the samples.

Salient Features:

- Microprocessor control with timing function
- Digital display
- Audible and visual alarm for over temperature
- **GMP versions with Inner & Outer SS 304**

Technical Data		
Parameter	RWB - 6	RWB - 12
Temperature Range	RT $\pm$ 5°C ~99°C	RT $\pm$ 5°C ~99°C
Temperature Stability	$\pm$ 0.5°C	$\pm$ 0.5°C
Deviation Ability	$\pm$ 2°C	$\pm$ 2°C
Chamber Volume	15 Ltrs	28 Ltrs
Interior Dimension (W x D x H) (mm)	450 x 300 x 110	500 x 390 x 125
Timing Range	1~999 min.	1~999 min.
No. of hole	Six holes	Twelve holes
Heater Capacity (Watts)	1500	3000
Supply: 220-240 Volts, 50 Hz Single Phase.		

Water Bath Shakers



RSB - 12

Water Bath Shaker RSB - 12

These Water bath Shakers have wide applications in Biotechnology, Micro - Biology, Chemistry, Quality Control and other life sciences laboratories. The bath has size of 355 mm (W) x 300 mm (D) x 165 mm (H). A special pyramid type cover provided avoids evaporation of water and makes condensed water to fall back in the bath. A cock is provided to facilitate draining of Bath contents

The removable stainless steel tray houses lotus clamps for variety of flask capacities. **Standard unit supplied with tray accommodating 12 flasks x 100 ml.**

Following capacity are available optionally.

50 ml x 12 flasks	150 ml x 9 flasks
250 ml x 6 flasks	500 ml x 4 flasks
1000 ml x 2 flasks	2000 ml x 1 flask
Test Tube racks	

Salient Features:

- Inner chamber and outer body of SS 304
- Heating up to 95°C
- Digital Temperature Indicator cum Controller with precise accuracy of $\pm$ 1°C
- Shaking speed range from 40 to 180 strokes per min
- Stroke length 25 mm

Supply: 220-240 Volts 50 Hz Single Phase

Specifications subject to change without notice



RCO-150 Plus

CO₂ Incubators find applications in tissue engineered products, in-vitro fertilization, diagnostics, cancer research and other medical, pharmaceutical related industries. CO₂ Incubator are used to culture cells to provide it with the optimum temperature, moisture (sterile environment) and to maintain optimum pH under a CO₂ atmosphere.

Salient Features:

- Imported infrared CO₂ Sensor.
- CO₂ concentration Restoration Speed.
- Polished stainless-steel chamber, rounded corners for easy cleaning. Adjustable shelves.
- HEPA Microorganism Filter at Inlet provides 99% filtration of bacteria and dust ($\Phi < 0.3\mu m$) and supplies pure CO₂ into the incubator.
- Door temperature controller prevents condensate water on glass door of incubator effectively.
- Independent audio-visual temperature limiting alarm system.
- Alarm function for temperature difference, CO₂ over concentration and concentration difference, door open time, UV working status.
- Automatic control of fan speed to maintain uniform temperature and prevent damage to samples.
- Hot air sterilizing circulation system.
- PID controller with large LCD screen ensures precise and reliable control

Technical Data		
Model	RCO-80 Plus	RCO-150 Plus
Chamber Volume (Litres)	80	150
Sensor	Infrared Co ₂	
Heating Method	Air-Jacketed, PID Control	
CO Range	0~20% V/V	
CO Control resolution	± 0.1% (IR sensor)	
Temperature Range / Accuracy	RT+5~55°C / ± 1°C	
Humidity Method	Natural vaporization > 95%	
CO Recovery	(Door opens 30s, recovery to 5%) = 3 min	
Temperature Recovery	(Door opens 30s, recovery to 37°C) = 8 min	
Shelves	2	3
Internal Dimension (mm) (W x D x H)	400 x 450 x 500	480 x 530 x 610
External Dimension (mm) (W x D x H)	590 x 687 x 790	670 x 767 x 880

Supply: 220-240 Volts, 50Hz Single Phase

Specifications subject to change without notice





RCB-13

Provided for precise and constant temperature and auxiliary heating in colleges, industrial and mining enterprises and scientific research departments.

• **Salient Features:**

- LCD Microprocessor temperature controller
- Timing function Range 99.59 hrs
- Rounded corner SS 304 chamber
- Audible and visible alarm for temperature and water level
- With interface to connect externally
- Drain valve for faster discharge & easy cleaning

Technical Data	
Model	RCB - 13
Temperature Range	-20~100°C
Precision	± 0.2°C
Chamber Volume	13L
Pump (flow rate)	8 Litre/min
Chamber Dimension (mm)	240 x 170 x 200
External Dimensions (mm)	380 x 600 x 875

Supply: 220-240 Volts, 50Hz Single Phase.

Specifications subject to change without notice



HCI 460 Ultra

REMI Bacteriological Incubators HCI Series available in two variants - Base and Ultra, are meticulously engineered to provide a stable and controlled environment for bacterial culture growth, essential in microbiological and biological laboratories. It Combines advanced technology with robust construction to ensure reliability, accuracy, and longevity. It is designed for optimal growth conditions, ideal for bacterial culture incubation.

Salient Features:

- Toughened Insulated Glass Door for easy monitoring of the samples
- CFC Free Refrigeration System
- Forced air circulation system
- Audio Visuals Alarms for
 - Temperature Variation
 - Door Open
 - Power Failure (in LCD Version)
 - Sensor Failure

LCD Display



Features

- 4 Inch attractive LCD display
- Intelligent Controller helps maintain in case of sensor failure
- Battery Backup for Temperature Controller
- Auto tuning of controller
- Self-Diagnosis for errors
- Histogram format of 24 hours temperature recording
- Settable High / low alarm points
- Memory of upto 1000 records
- Audio Visual Alarm
- Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Technical Data

Technical Data								
Particulars	HCI 200	HCI 200 Ultra	HCI 300	HCI 300 Ultra	HCI 350	HCI 350 Ultra	HCI 460	HCI 460 Ultra
Display	LED	4" LCD	LED	4" LCD	LED	4" LCD	LED	4" LCD
Internal Volume (Litres)	200		300		350		460	
No. of trays (Adjustable)	2		3		4		5	
Internal Dimensions (W x D x H) (mm)	420 x 445 x 1118		500 x 500 x 1254		500 x 500 x 1504		560 x 570 x 1560	
External Dimensions (W x D x H) (mm)	500 x 726 x 1660		585 x 781 x 1792		583 x 781 x 2053		640 x 851 x 2135	
Temperature Range & Accuracy	5°C to 60°C, ±0.5°C							
Temperature Control	Microprocessor with PT-100 sensor							
Temperature Variation Alarm	Set temperature ± 2°C, Audio Visual Alarm							
Illumination	LED Strip							
Internal body Material	Stainless Steel - 304 grade							
External body Material	GI Sheet epoxy powder coated							
Insulation	Upto 50mm, CFC free polyurethane foam							
Noise Level	Less Than 60 dB(A)							
Recommended Voltage Stabilizer	Inbuilt						Inbuilt	

Supply: 220-240, 50Hz Single Phase

Specifications subject to change without notice



REMI Cooling Incubators are designed for applications in pharmaceutical, microbiology, biotechnology, chemical & research labs. These chambers are used for BOD test culture of bacteria, microorganism, tissue culture, incubation, immunological work & storage of vaccines etc. **These Incubators are available in Standard & GMP versions.**



CI -10 Plus

Salient Features :

- Unique design of thermal barrier
- Machine filled PUF insulation
- CFC free refrigeration system
- Forced air circulation for better uniformity
- Port for calibration probes / safety back up
- Height Adjustable trays with 30 kg weight carrying capacity of each tray
- High temperature safety cut off & alarms
- Smart Handle with LED door closure indication

Optional Accessories:

- Chamber illumination with 2 Nos. fluorescent tubes / UV lights
- 24 hours Cyclic Timer
- Data logger for 8 Point temperature recording
- Biometrics Magnetic Door Access
- Validation (mapping) consisting of one cycle for temperature at any one set point for 24 hours on empty and loaded condition
- Standby Refrigeration System(only for TFT versions)
- Seven days circular chart recorder
- **'Remi 'Datasoft Pro'** Software as per 21 CFR Part 11 requirements (LCD & Touch Screen Versions)

Display options for Cooling Incubators

LCD Display



Features

- 4 Inch attractive LCD display
- Intelligent Controller helps maintain in case of sensor failure
- Battery Backup for Temperature Controller
- Auto tuning of controller
- Self-Diagnosis for errors
- Histogram format of 24 hours temperature recording
- Settable High / low alarm points
- Memory of upto 1000 records
- Audio Visual Alarm
- Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Touch Screen Display



Features

- 7 inch colour touch screen with PLC (Programmable logic controller)
- Memory of upto 1500 records
- Audio Visual Alarm
- Ethernet port
- Battery backup in case of power failure for display, alarms & off line data log in
- Logic based functioning of standby systems of Refrigeration / Humidity
- Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Specifications subject to change without notice

REMI 'DATASOFT Pro'

Features

- 1. Web-Based Software Accessibility** Web-based software accessible through browser helps instantly connect REMI chambers from anywhere only to authorized users.
- 2. Multi-Device Connectivity** Multiple REMI chambers up to 30 devices connected to single software.
- 3. Network Connectivity** Ethernet based having LAN connectivity helps authorized person to login into software from any PC connected to server.
- 4. Multi-User Collaboration** Multiple hierarchy levels to view, analyze, e-Review, e-Approval, e-Comment on data with role-based access control
- 5. Alert & Notification System** Mobile and email alert of alarms, events to pre-scheduled persons with SMS, real-time app-based notifications, and DND policies
- 6. Digital Acknowledgment** Alarm acknowledgement with e-signatures and comprehensive audit trail compliance
- 7. Regulatory Compliance** Secured audit trail report and calculation of MKT for any days with 21 CFR Part 11 compliance features
- 8. Backup System** Automatic and manual both type of daily data backup with scheduled intervals, compressed files, and complete restoration capabilities
- 9. Data Management** Additional features of data archival & data restore with retention policies and database integrity checking
- 10. Access Control Integration** Biometric Device Integration with door access data integrated into REMI Web Based software including fingerprint authentication and access logging
- 11. Advanced Reporting & Analytics** PDF report generation, scheduled reporting, and real-time data visualization
- 12. VReal-Time Monitoring** Live data updates, interactive dashboards, and real-time alarm monitoring with instant notifications
- 13. Communication Protocols** Support for Modbus RTU/TCP, serial communication (RS232/RS485), TCP/IP Ethernet

Technical Data

Model	CI- 6 Plus	CI-10 Plus	CI-12 Plus	CI-16 Plus	CI-19 Plus	CI-28 Plus	CI-35 Plus
Internal Volume (Litres)	200	280	370	450	540	800	1000
Number of tray	2	3	4	5	6	6	7
Internal Dimensions (WxDxH) (mm)	600 x 455 x 735	600 x 455 x 1030	600 x 455 x 1360	660 x 655 x 1050	660 x 655 x 1250	800 x 800 x 1250	800 x 800 x 1580
External Dimensions (WxDxH) (mm)	740 x 780 x 1305	740 x 780 x 1600	740 x 780 x 1930	800 x 1095 x 1620	800 x 1095 x 1820	960 x 1370 x 1950	960 x 1370 x 2270
Temperature range & Accuracy	5°C to 60°C, $\pm 0.5^{\circ}\text{C}$						
Temperature Control	Microprocessor with PT-100 sensor						
Display	1" - 7 Segment, Big Size LED						
Power Failure Alarm	Visual						
Door Open Alarm	Audio Visual, in case door open for over one minute						
Temperature Variation Alarm	Set Temperature $\pm 2^{\circ}\text{C}$, Audio Visual						
Illumination	8 Watts Fluorescent Tube						
Internal Body Material	Stainless Steel - 304 grade (Standard Models), Stainless Steel - 316 grade (GMP Models)						
External Body Material	Powder Coated CRCA Steel (Standard Models), Stainless Steel - 304 grade (GMP Models)						
Insulation	70 mm minimum for Body & 80 mm for Door, CFC free polyurethane foam (Triple wall)						
Noise Level	Less Than 65 db(A)						
Recommended Voltage Stabilizer	VS-02	VS-02	VS-02	VS-03	VS-03	VS-06	VS-06

Supply: 220-240, 50Hz Single Phase

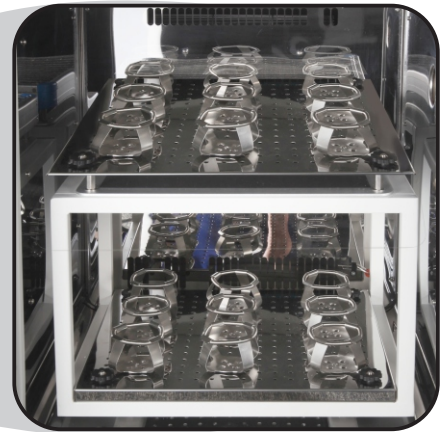
Specifications subject to change without notice



NEW
INTRODUCTION



CIS-18 Ultra



Dual Platforms



CIS-18 Plus

Orbital Shaking Incubators CIS-18 Plus & CIS-18 Ultra finds application in researches on bacteria, cultivation, fermentation, hybridization, chemical and biochemical reaction, enzymes and tissues research.

Salient Features of CIS-18 Plus:

- Stainless-steel chamber & platform
- Transparent plastic door
- Microprocessor controller with large LCD screen for temperature, shaking speed & timer
- Self-check function easy to identify problems
- Smooth start and stop system prevents liquid spillage
- Overtemperature alarm
- Safety door switch, auto pause operation when it is opened

Additional Salient Features of CIS-18 Ultra (Double Decker):

- Floor standing model
- Two Universal Platforms to accommodate interchangeable clamps of assorted sizes
- Different size of clamps available - 50/100ml, 250ml, 500ml & 1000 ml. (to be ordered separately)

Technical Data		
Model	CIS-18 Plus	CIS-18 Ultra
Shaking Speed Range (RPM)	40-300	40-300
Amplitude	20mm	20mm
Temperature Range / Accuracy	4-65°C / $\pm 0.5^{\circ}\text{C}$	
Display Resolution	0.1°C	
Timer Range	1hour~99h:59m	0~5999min
No. of Platforms	1	2
Platform Size (mm) / Type	450 x 450 / Springs	500 x 350 / Universal
Maximum Shaking Capacity (No. of flasks x Volume)	4x2000ml, 8x1000ml, 11x500ml, 12x250ml, 28x100ml, 42x50ml	Refer Clamp table
External Dimension (WxDxH) (mm)	610x980x545	725x720x1150
Load in Tray	≤ 10 Kg	≤ 8 Kg each platform
Recommended Voltage Stabilizer	VS-02	VS-03
Supply: 220-240 Volts, 50 Hz Single Phase.		

Essential Clamps for CIS-18 Ultra (to be ordered separately)							
Model	Platform Size (mm)	No. of Platform	Max. Volume (Litres)	Max. No. of Clamps (To be ordered separately)			
				500 ml	250 ml	100/150 ml	50 ml
CIS-18 Ultra (Double Decker)	500 x 350 Each (Universal)	2	7	7 + 7 = 14	13 + 13 = 26	18 + 18 = 36	32 + 32 = 64
		Max. RPM at Full Load		250	300	300	300

Specifications subject to change without notice

REMI Refrigerated Orbital Shaking Incubators are designed for precise temperature control and simultaneous shaking applications in fermentation studies, enzyme reaction, life sciences, tissue culture and biotechnology, research labs. **These chambers are available in standard & GMP versions.**



CIS-24 Plus

Salient Features :

- 4" LCD Display
- Brushless induction Motor with variable frequency drive ensures gentle shaking start
- Counter balanced mechanism for high stability
- Universal Shaking Platform
- Powerful fan motor for forced air circulation
- Machine filled CFC free PUF insulation
- Unique design of thermal barrier
- Port for calibration probes / safety back up
- Additional tray to store samples with Weight carrying capacity of 30 Kg Uniformly distributed
- CFC free refrigeration system
- High temperature safety cut off & alarms for high / low set temperature
- Electrical circuit breaker
- Smart Handle with LED door closure indication

Optional:

- Touch screen display
- Chamber illumination with 2 Nos. fluorescent tubes
- Chamber illumination with 2 Nos. ultra violet lights
- 24 hours Cyclic Timer for regulating illumination conditions
- **REMI Datasoft Pro** software complying to 21 CFR part 11 as per USFDA Guidelines

Display options for Orbital Shaking Incubators

LCD Display



Features

- 4 Inch attractive LCD display
- Intelligent Controller helps maintain in case of sensor failure
- Battery Backup for Temperature Controller
- Auto tuning of controller
- Self-Diagnosis for errors
- Histogram format of 24 hours temperature recording
- Settable High / low alarm points
- Memory of upto 1000 records
- Audio Visual Alarm
- Remote Alarm Output
- 9 Program Memory

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Touch Screen Display



Features

- 7 inch colour touch screen with PLC (Programmable logic controller)
- Memory of upto 1500 records
- Audio Visual Alarm
- Ethernet port
- Battery backup in case of power failure for display, alarms & off line data log in
- Logic based functioning of standby systems of Refrigeration / Humidity
- Remote Alarm Output
- 9 Program Memory

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Specifications subject to change without notice

REMI 'DATASOFT Pro'

Features

- 1. Web-Based Software Accessibility** Web-based software accessible through browser helps instantly connect REMI chambers from anywhere only to authorized users.
- 2. Multi-Device Connectivity** Multiple REMI chambers up to 30 devices connected to single software.
- 3. Network Connectivity** Ethernet based having LAN connectivity helps authorized person to login into software from any PC connected to server.
- 4. Multi-User Collaboration** Multiple hierarchy levels to view, analyze, e-Review, e-Approval, e-Comment on data with role-based access control
- 5. Alert & Notification System** Mobile and email alert of alarms, events to pre-scheduled persons with SMS, real-time app-based notifications, and DND policies
- 6. Digital Acknowledgment** Alarm acknowledgement with e-signatures and comprehensive audit trail compliance
- 7. Regulatory Compliance** Secured audit trail report and calculation of MKT for any days with 21 CFR Part 11 compliance features
- 8. Backup System** Automatic and manual both type of daily data backup with scheduled intervals, compressed files, and complete restoration capabilities
- 9. Data Management** Additional features of data archival & data restore with retention policies and database integrity checking
- 10. Access Control Integration** Biometric Device Integration with door access data integrated into REMI Web Based software including fingerprint authentication and access logging
- 11. Advanced Reporting & Analytics** PDF report generation, scheduled reporting, and real-time data visualization
- 12. VReal-Time Monitoring** Live data updates, interactive dashboards, and real-time alarm monitoring with instant notifications
- 13. Communication Protocols** Support for Modbus RTU/TCP, serial communication (RS232/RS485), TCP/IP Ethernet

Technical Data	
Model	CIS-24 Plus
Temperature Range & Accuracy	5°C to 60°C, $\pm 0.5^\circ\text{C}$
Internal Volume (Litres)	215
Platform Size	580mm x 600mm
Maximum Shaking Capacity (Volume x No. of flasks)*	49 x 100/150ml, 33 x 250ml, 24 x 500ml, 15 x 1000ml, 9 x 2000 ml
Shaking Speed range (RPM)	20 to 250
Shaking Amplitude	25 mm
Internal Dimensions (WxDxH) (mm)	660 x 765 x 650
External Dimensions (WxDxH) (mm)	800 x 1150 x 1300
Temperature Control	Microprocessor with PT-100 sensor
Display	4" LCD Screen, Large size Display for ease of reading
Power Failure Alarm	Audio Visual Alarm
Door Open Alarm	Audio Visual, in case door open for over one minute
Temperature Variation Alarm	Set Temperature $\pm 2^\circ\text{C}$, Audio Visual Alarm
Illumination	8 Watts Fluorescent Tube
Internal Body Material	Stainless Steel - 304 grade (Standard Models), Stainless Steel - 316 grade (GMP Models)
External Body Material	Powder Coated CRCA Steel (Standard Models), Stainless Steel - 304 grade (GMP Models)
Insulation	70 mm minimum for Body & 80 mm for Door, CFC free polyurethane foam
Noise Level	Less Than 65 db(A)
Recommended Voltage Stabilizer	VS-02
Supply: 220-240 Volts 50 Hz Single Phase.	

* Clamps to be ordered separately

Specifications subject to change without notice



REMI Laboratory Refrigerators are designed for storage applications in pharmaceutical, microbiology, biotechnology, chemical, clinical diagnostic, hospitals & research institutions. The unit is supplied with a glass door with key lock for convenient sample viewing, forced air circulation system ensures uniform temperature throughout the chambers. Microprocessor controller is provided for display of internal temperature along with alarm systems



RLR-300

Salient Features:

- Inner & Outer body pre painted G. I.
- RLR Models with LED display
- Serocool Models with 4" LCD display
- Energy efficient CFC free refrigeration
- Uniform cooling by forced air circulation & frost free
- Adjustable Plastic coated wire mesh shelves
- Clear product visibility with full length triple glass door
- Automatic Defrosting
- Alarms: High/Low temperature variation
- Auto door closure
- Built in voltage stabilizer
- Battery backup for temperature display & alarm for over 8 Hrs (in Serocool)

LCD Display



Features

- 4 Inch attractive LCD display
- Intelligent Controller helps maintain in case of sensor failure
- Battery Backup for Temperature Controller
- Auto tuning of controller
- Self-Diagnosis for errors
- Histogram format of 24 hours temperature recording
- Settable High / low alarm points
- Memory of upto 1000 records
- Audio Visual Alarm
- Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Technical Data

Model	RLR-200 Serocool 200	RLR-300 Serocool 300	RLR-400 Serocool 400	RLR-500 Serocool 500
Capacity (Litres)	200	300	400	500
Temperature Range	1° C ~ 10 ° C (Uniformity $\pm$ 2° C)			
No. of Door (Glass)	1	1	1	1
Display	LED (RLR Models)/4"LCD (Serocool Models)			
No. of Shelves	3	4	5	6
Internal Dimension (WxDxH) (mm)	420x485x1243	500x540x1384	500x540x1634	560x608x1690
External Dimension (WxDxH) (mm)	500x726x1660	585x781x1792	583x781x2053	640x851x2135
Supply: 220-240 Volts, 50 Hz Single Phase.				

Specifications subject to change without notice

Precision Cooled Storage for Critical Laboratory Reagents



HLR 460 Ultra

The HLR Series of Reagent Storage Lab Refrigerators is designed to meet the high standards of modern laboratories, research centers, and healthcare facilities. Engineered for optimal temperature stability and safety, these refrigerators provide a reliable solution for storing sensitive reagents, vaccines, and biological samples.

With microprocessor controlled temperature management, durable stainless steel interiors, and an intuitive alarm system, the HLR Series ensures your reagents are stored under optimal and safe conditions at all times.

Salient Features :

- **Reliable Temperature Control:** Maintains a consistent range between +2°C to +8°C, ideal for reagent preservation. with visual & audio alarm system.
- **Microprocessor Based Monitoring:** Advanced temperature control system using PT-100 sensors.
- **Energy Efficient:** High-density polyurethane foam insulation ensures low energy consumption.
- **Inbuilt Stabilizer:** Equipped with a voltage stabilizer for uninterrupted performance.
- **Maintenance Free Battery Backup:** Ensures display and alarms stay functional during power outages.

LCD Display



- **Display:** LCD Display with internal data logging.
- **Memory:** Stores up to 1000 temperature records.
- **Alarm Events:** Displays temperature records and alarm events on the LCD in the form of a histogram.
- **Past 24-Hour History:** Detailed temperature history display.
- **Connectivity:** RS 485 port for external connectivity and downloading temperature records to a PC via REMI Datasoft software.

Technical Data

Particulars	HLR 200	HLR 200 Ultra	HLR 300	HLR 300 Ultra	HLR 350	HLR 350 Ultra	HLR 460	HLR 460 Ultra
Display	LED	4" LCD	LED	4" LCD	LED	4" LCD	LED	4" LCD
Internal Volume (Liters)	200		300		350		460	
No. of trays	2		3		4		5	
Internal Dimensions W x D x H (mm)	420 x 445 x 1118		500 x 500 x 1254		500 x 500 x 1504		560 x 570 x 1560	
External Dimensions W x D x H (mm)	500 x 726 x 1660		585 x 781 x 1792		583 x 781 x 2053		640 x 851 x 2135	
Temperature Range & Accuracy	2°C to 8°C, ± 0.5°C							
Temperature Control	Microprocessor with PT-100 sensor							
Temperature Variation Alarm	Set Temperature ± 2°C, Audio Visual Alarm							
Illumination	LED Strip							
Internal Body Material	Stainless Steel - 304 grade							
External Body Material	GI Sheet epoxy powder coated							
Insulation	Up to 50 mm, CFC free polyurethane foam							
Noise Level	Less Than 60 dB(A)							

Supply: 220-240, 50Hz Single Phase
Specifications subject to change without notice



Salient Features:

- **Dual Compressor Technology** - Two independent refrigeration systems (CFC free), if one system fails, the other can maintain the freezer's temperature uniformly in the -80°C range.
- **Smart-Inverter Technology** - automatically tunes the speed of the compressors to optimize the operation with frequency conversion.
- **Active ECO Technology** - significantly reduce energy consumption and maintain good interior temperature uniformity
- **VIP PLUS** - vacuum insulation panels provide up to 30% more storage capacity than a conventionally insulated freezer.
- **Multi-layer Silicone Sealing Structure** - retaining the inner temperature better when there is power failure.
- **10.1" TFT Touch Screen** - Visual management, real time display inner temperature, alarms, temperature curves and other data
- **USB Interface** - Enables users to download historical temperature data for compliance/auditing purposes.
- **Heated Pressure Equalization Port** - allows users to re-open the main door quickly when entering, rust-proof, freeze-free.
- **Door heating** - Reduces frost build-up, ease of door opening
- **Port** - For calibration probes / safety back up

Technical Data		
Model	ULT - 825	ULT - 600
Internal Volume	825	600
Number of trays	4	4
Internal Dimensions W x D x H (mm)	885 x 720 x 1310	638 x 720 x 1310
External Dimensions W x D x H (mm)	1175 x 995 x 1980	895 x 995 x 1980
Temperature Range	-40°C to -86°C	
Insulation	Vacuum Insulated Panels (VIP) + CFC free polyurethane foam	
Temperature Control	Microprocessor	
Display	10.1" Touch Screen	
Alarms	Power failure, Door open, High/low Temperature, High Ambient, Sensor failure, Low battery	
Internal Body Material	Stainless Steel - 304 grade	
External Body Material	Powder Coated CRCA Steel	
Noise Level	Less Than 65db(A)	
Recommended Voltage	VS-07	
Supply: 220-240 Volts, 50 Hz Single Phase.		

Specifications subject to change without notice



REMI's new range of Ultra-Low Temperature (ULT) freezers are specially designed for faster temperature pull down & optimized cryopreservation. Highly sensitive microprocessor control ensures precise temperature management at -86°C. **These cabinets are available in standard & GMP versions.**



ULT-185

Salient Features :

- 4" LCD Display
- Optimized compressor run ensures energy efficiency
- Hot line across the door assembly to prevent frost formation
- Efficient CFC free dual refrigeration system
- Quadruplicate step silicon rubber gasket
- Independent internal foamed doors with plastic handle
- Smart Handle with LED door closure indication
- Port for calibration probes / safety back up
- Audio Visual alarms for: 1) Temperature high / low 2) Power failure 3) Door Open 4) Compressor on (only visual) 5) Power on (only visual)
- Settable points of Temperature high / low
- Weight carrying capacity of each tray : 30 Kg
- Vacuum Release Valve for easy door opening.

Optional:

- 7" Color Touch Screen Display
- Biometrics Magnetic Door Access for Secured Door opening with software to maintain log
- Seven days circular chart recorder
- **REMI Datasoft Pro'** software complying to 21 CFR part 11 as per USFDA Guidelines

Display options for Ultra Low Deep Freezers (-86°C)

LCD Display

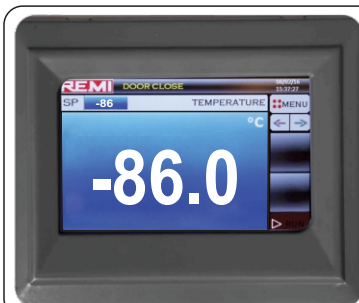


Features

- 4 Inch attractive LCD display • Intelligent Controller helps maintain in case of sensor failure • Battery Backup for Temperature Controller • Auto tuning of controller • Self-Diagnosis for errors • Histogram format of 24 hours temperature recording • Settable High / low alarm points • Memory of upto 1000 records • Audio Visual Alarm • Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Touch Screen Display



Features

- 7 inch colour touch screen with PLC (Programmable logic controller) • Memory of upto 1500 records • Audio Visual Alarm • Ethernet port • Battery backup in case of power failure for display, alarms & off line data log in • Logic based functioning of standby systems of Refrigeration / Humidity • Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Specifications subject to change without notice



Ultra Low Deep Freezers (-86°C)

REMI 'DATASOFT Pro'

Features

- 1. Web-Based Software Accessibility** Web-based software accessible through browser helps instantly connect REMI chambers from anywhere only to authorized users.
- 2. Multi-Device Connectivity** Multiple REMI chambers up to 30 devices connected to single software.
- 3. Network Connectivity** Ethernet based having LAN connectivity helps authorized person to login into software from any PC connected to server.
- 4. Multi-User Collaboration** Multiple hierarchy levels to view, analyze, e-Review, e-Approval, e-Comment on data with role-based access control
- 5. Alert & Notification System** Mobile and email alert of alarms, events to pre-scheduled persons with SMS, real-time app-based notifications, and DND policies
- 6. Digital Acknowledgment** Alarm acknowledgement with e-signatures and comprehensive audit trail compliance
- 7. Regulatory Compliance** Secured audit trail report and calculation of MKT for any days with 21 CFR Part 11 compliance features
- 8. Backup System** Automatic and manual both type of daily data backup with scheduled intervals, compressed files, and complete restoration capabilities
- 9. Data Management** Additional features of data archival & data restore with retention policies and database integrity checking
- 10. Access Control Integration** Biometric Device Integration with door access data integrated into REMI Web Based software including fingerprint authentication and access logging
- 11. Advanced Reporting & Analytics** PDF report generation, scheduled reporting, and real-time data visualization
- 12. VReal-Time Monitoring** Live data updates, interactive dashboards, and real-time alarm monitoring with instant notifications
- 13. Communication Protocols** Support for Modbus RTU/TCP, serial communication (RS232/RS485), TCP/IP Ethernet

Technical Data					
Model	ULT-90	ULT - 185	ULT - 360	ULT-490	ULT-650
Internal Volume (Litres)	90	185	360	490	650
Number of trays	2	3	6	6	7
Number of Internal Doors	2	3	4	4	4
Internal Dimensions (WxDxH) (mm)	400 x 400 x 580	510 x 510 x 730	700 x 575 x 1000	700 x 700 x 1000	825 x 700 x 1132
External Dimensions (WxDxH) (mm)	711 x 877 x 1405	820 x 987 x 1560	1010 x 880 x 1830	1010 x 987 x 1890	1130 x 998 x 1940
Operating Temperature Range	-45°C to -86°C				
Insulation (CFC free polyurethane foam)	150mm Thick				
Temperature Control	Microprocessor with PT-100 sensor				
Display	4" LCD				
Power Failure Alarm	Audio Visual Alarm				
Door Open Alarm	Audio Visual Alarm in case door open for over one minute				
Internal Body Material	S.S. 304 (AISI Grade, Non Corrosive, Non Magnetic)				
External Body Material	Powder Coated CRCA Steel				
Noise Level	Less Than 65 db(A)				
Battery Backup	Rechargeable, Back Up 8 hrs (for alarm system & temperature recorder)				
Recommended Voltage Stabilizer	VS-05	VS-06	VS-07	VS-07	VS-07

Supply: 220-240 Volts 50 Hz Single Phase.

Specifications subject to change without notice



REMI Deep Freezers are designed for storage of biological samples in biotech, life science, clinical research as well as medical & pharmaceutical specimens, serums, vaccines, blood components. These freezers are available with temperatures up to -20°C and -40°C . **These Deep Freezers are available in Standard & GMP versions.**



RQV-200 Plus

Salient Features :

- Unique design of thermal barrier for better energy efficiency
- Machine filled PUF insulation to eliminate void pockets
- Height Adjustable trays with 30 kg weight carrying capacity of each tray
- Port for calibration probes / safety back up
- Alarms for high/low set parameters & sensor failure
- Electrical circuit breaker
- Smart Handle with LED door closure indication
- **Optional Accessories:**
 - 4" LCD Display
 - 7" Touch Screen Display
 - Data logger for 8 Point temperature recording with software validation (mapping) consisting of one cycle for temperature at any one set point for 24 hours on empty and loaded condition
 - Standby Refrigeration System
 - **REMI Datasoft Pro** software complying to 21 CFR part 11 as per USFDA Guidelines (only with LCD & TFT versions)

Display options for Deep Freezers

LCD Display



Features

- 4 Inch attractive LCD display • Intelligent Controller helps maintain in case of sensor failure • Battery Backup for Temperature Controller • Auto tuning of controller • Self-Diagnosis for errors • Histogram format of 24 hours temperature recording • Settable High / low alarm points • Memory of upto 1000 records • Audio Visual Alarm • Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Touch Screen Display



Features

- 7 inch colour touch screen with PLC (Programmable logic controller) • Memory of upto 1500 records • Audio Visual Alarm • Ethernet port • Battery backup in case of power failure for display, alarms & off line data log in • Logic based functioning of standby systems of Refrigeration / Humidity • Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Specifications subject to change without notice

REMI 'DATASOFT Pro'

Features

- 1. Web-Based Software Accessibility** Web-based software accessible through browser helps instantly connect REMI chambers from anywhere only to authorized users.
- 2. Multi-Device Connectivity** Multiple REMI chambers up to 30 devices connected to single software.
- 3. Network Connectivity** Ethernet based having LAN connectivity helps authorized person to login into software from any PC connected to server.
- 4. Multi-User Collaboration** Multiple hierarchy levels to view, analyze, e-Review, e-Approval, e-Comment on data with role-based access control
- 5. Alert & Notification System** Mobile and email alert of alarms, events to pre-scheduled persons with SMS, real-time app-based notifications, and DND policies
- 6. Digital Acknowledgment** Alarm acknowledgement with e-signatures and comprehensive audit trail compliance
- 7. Regulatory Compliance** Secured audit trail report and calculation of MKT for any days with 21 CFR Part 11 compliance features
- 8. Backup System** Automatic and manual both type of daily data backup with scheduled intervals, compressed files, and complete restoration capabilities
- 9. Data Management** Additional features of data archival & data restore with retention policies and database integrity checking
- 10. Access Control Integration** Biometric Device Integration with door access data integrated into REMI Web Based software including fingerprint authentication and access logging
- 11. Advanced Reporting & Analytics** PDF report generation, scheduled reporting, and real-time data visualization
- 12. VReal-Time Monitoring** Live data updates, interactive dashboards, and real-time alarm monitoring with instant notifications
- 13. Communication Protocols** Support for Modbus RTU/TCP, serial communication (RS232/RS485), TCP/IP Ethernet

Technical Data								
Model	RQV-200 Plus	RQV-300 Plus	RQV-400 Plus	RQV-500 Plus	RQV-600 Plus	RQVD-200 Plus	RQVD-300 Plus	RQVD-400 Plus
Internal Volume (Litres)	200	300	400	500	600	200	300	400
Number of trays	2	3	4	5	6	2	3	4
Internal dimension (W × D × H) (mm)	580x555x 715	580x555x 1010	580x555x 1340	660x765x 1050	660x765x 1250	580x555x 715	580x555x 1010	580x555x 1340
Internal dimension (W × D × H) (mm)	740x780x 1305	740x780x 1600	740x780x 1930	800x975x 1620	800x975x 1820	740x780x 1305	740x780x 1600	740x780x 1930
Minimum Temperature	-20°C					-40°C (AC Room)		
Insulation (CFC free polyurethane foam)	80 mm minimum for Body & 80 mm for Door							
Temperature Control	Microprocessor							
Display	1" - 7 Segment, Big Size LED							
Power Failure Alarm	Visual Alarm							
Door Open Alarm	Audio Visual Alarm in case door open for over one minute							
Illumination	No							
Internal Body Material	Stainless Steel - 304 grade (Standard Models), Stainless Steel - 316 grade (GMP Models)							
External Body Material	Powder Coated CRCA Steel (Standard Models), Stainless Steel - 304 grade (GMP Models)							
Noise Level	Less Than 65 db(A)							
Recommended Voltage Stabilizer	VS-02	VS-02	VS-03	VS-03	VS-03	VS-02	VS-03	VS-03
Supply: 220-240 Volts, 50 Hz Single Phase.								

Specifications subject to change without notice



RFV 340 Plus

These Deep Freezers are designed for quick freezing and storing of Blood Components, Serum, Vaccines, Biological & Medical Specimens, Clinical Samples, etc. at low temperatures.

Engineered for just a little bit more, the new REMI series of Upright Freezers gives you up to -25°C instead of the conventional -20° C.

Salient Features :

- Plastic inner chamber; Outer body pre painted G.I.
- Quick freezing function
- Defogger for removing condensation from Glass door.
- Solid state temperature controller
- Adjustable shelves
- Low energy consumption and noise levels
- Auto door closure
- Door open alarm
- Wheels provided with leveling jack.
- Integrated door handle
- Forced air circulation for Better uniformity within chamber
- In Built Voltage Stabilizer

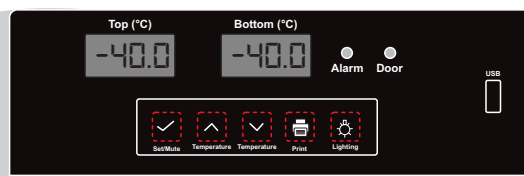
Technical Data		
Model	RFV 245 Plus	RFV 340 Plus
Capacity (liters)	245	340
Temperature Setting Range	Ambient to -25 °C	
Door	1	1
No. of Trays	5	5
External dimensions W x D x H (mm)	625 x 690 x 1830	625 x 690 x 2085
Supply	220-240 V, 50 Hz, Single Phase	

Supply:220-240, 50Hz Single Phase
Specifications subject to change without notice



RDF-500

REMI Dual Freezer RDF-500 can be used in hospitals, epidemic prevention stations, universities, scientific research institutes, and electronic chemical industry enterprise labs. agriculture/fishery companies.



Salient Features:

- **Two independent cooling system** - The upper and lower chambers can be controlled independently, Temperature range between: -20~ -40°C
- **Display** - LED control panel, easy to operate, temperature & and alarm settings on panel.
- **Alarm** - Multi-alarm function
- **Port** - For Calibration probe / Safety Back-up
- Cyclopentane Foaming Agent (CFC Free) - uniform density, Better insulation, more energy-saving.
- **Faster Freezing** - Cooling coil below each tray for better uniformity, reduced freezing time
- **Three - dimensional seal** - effectively reduce the leakage of cold air and achieve best thermal insulation performance.
- **USB Port** - for downloading temperature and alarm records

Technical Data	
Model	RDF-500
Internal Volume	518
Number of trays	3, with capacity of 2 baskets per tray, Total 6 trays, 12 baskets
Internal Dimensions W x D x H (mm)	680 x 620 x 650
External Dimensions W x D x H (mm)	866 x 811 x 1920
Temperature Range	-20~ - 40°C
Insulation	75 mm
Temperature Control	Microprocessor, independent for each chamber
Display	LED, independent for each chamber
Alarms	Power Failure, Sensor Failure, Door open, High / Low Temperature, Ambient Temperature
Internal Body Material	Stainless Steel 304 grade
External Body Material	Coated Steel
Noise Level	Less Than 65 db(A)
Recommended Voltage	VS-05
Supply: 220-240 Volts, 50 Hz Single Phase.	

Specifications subject to change without notice



REMI Refrigerator Cum Freezer are designed for bio sample storage applications in pharmaceutical, microbiology, biotechnology, chemical & research labs. GMP version also available.



RRF-250

Salient Features :

- Unique design of thermal barrier for better energy efficiency
- Machine filled CFC free PUF insulation to eliminate void pockets
- Two separate chambers with Independent Cooling & Temperature Monitoring Systems
- Height Adjustable tray to store samples
- Hermetically sealed Compressor with CFC free refrigerant
- Alarms for high / low set parameters
- Sensor failure alarm
- Electrical circuit breaker
- Microprocessor controllers with LED display of Temperature with set, process value & audio visual alarm
- Weight carrying capacity of each tray : 30 Kg Uniformly distributed
- Smart Handle
- indication Port for calibration probes / safety back up

Technical Data		
Model	RRF - 250 / RRFD - 250	
	Refrigerator	Freezer
Internal Volume (Litres)	250	265
No. of trays	2	2
Temperature Range	2°C to 12°C	-15°C to -20°C (RRF - 250) -30°C to -40°C (RRFD - 250)
Internal Dimensions (WxDxH)	660mm x 625mm x 575mm	660mm x 625mm x 575mm
External Dimensions (WxDxH)	800mm x 975mmx1800mm	
Temperature Control	Microprocessor with PT-100 sensor	
Display	1"-7 Segment, Big Size LED	
Temperature Variation Alarm	Set Temperature ± 2°C, Audio Visual Alarm	
Illumination	8 Watts Fluorescent Tube (in Refrigerator only)	
Internal Body Material	Stainless Steel - 304 grade (Standard Models), Stainless Steel - 316 grade (GMP Models)	
External Body Material	Powder Coated CRCA Steel (Standard Models), Stainless Steel - 304 grade (GMP Models)	
Insulation	80 mm minimum for Body & 80 mm for Door, CFC free polyurethane foam	
Noise Level	Less Than 65 db(A)	
Recommended Voltage Stabilizer	VS-04	
Supply: 220-240 Volts 50 Hz Single Phase.		

Notes: Models with both chambers as Refrigerator or both chambers as Freezer can be offered.

Specifications subject to change without notice

REMI Humidity Chambers (also known as Seed Germinators/Plant Growth Chambers) are designed for testing of electronic, electrical components, corrosion studies on mechanical parts, shelf life studies on paints, varnishes and cement. **These chambers are available in standard & GMP versions.**



CHM-19 Plus

Salient Features :

- 4" LCD Display
- Unique design of thermal barrier for better energy efficiency
- CFC free Refrigeration System
- Settable High / low alarm points with date and time
- Power failure and resumption records
- High temperature safety cut off & alarms for high /

- low set parameters
- Low water level alarm and power cutoff of heater
- Rounded inner chamber for easy cleaning
- Weight carrying capacity of each tray : 30 Kg
- Smart Handle with LED door closure indication
- Port for calibration probes / safety back up
- Air Vent for better humidity control
- Machine filled CFC free PUF insulation to eliminate void pockets
- Forced air circulation to maintain uniform conditions inside chamber
- Hermetically sealed Compressor with CFC free refrigerant
- Output for remote alarm

Optional

- Touch screen display with additional features
- Data logger for 8 Point (4+4) temperature / humidity recording
- Chamber illumination with 2 Nos. fluorescent tubes
- Chamber illumination with 2 Nos. ultra violet lights
- 24 hours Cyclic Timer
- Biometrics Magnetic Door Access for Secured Door opening with software to maintain log
- Validation (mapping) consist of one cycle for temperature/humidity at any one set point for 24 hours on empty and loaded condition
- Standby Refrigeration/Humidity System
- **REMI Datasoft Pro'** software complying to 21 CFR part 11 as per USFDA Guidelines

Display options for Humidity Chambers

LCD Display



Features

- 4 Inch attractive LCD display
- Intelligent Controller helps maintain in case of sensor failure
- Battery Backup for Temperature Controller
- Auto tuning of controller
- Self-Diagnosis for errors
- Histogram format of 24 hours temperature recording
- Settable High / low alarm points
- Memory of upto 1000 records
- Audio Visual Alarm
- Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Touch Screen Display



Features

- 7 inch colour touch screen with PLC (Programmable logic controller)
- Memory of upto 1500 records
- Audio Visual Alarm
- Ethernet port
- Battery backup in case of power failure for display, alarms & off line data log in
- Logic based functioning of standby systems of Refrigeration / Humidity
- Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

REMI 'DATASOFT Pro'

Features

- 1. Web-Based Software Accessibility** Web-based software accessible through browser helps instantly connect REMI chambers within the network, but accessible only to authorised users
- 2. Multi-Device Connectivity** Multiple REMI chambers up to 30 devices connected to single software.
- 3. Network Connectivity** Ethernet based having LAN connectivity helps authorized person to login into software from any PC connected to server network.
- 4. Multi-User Collaboration** Multiple hierarchy levels to view, analyze, e-Review, e-Approval, e-Comment on data with role-based access control
- 5. Alert & Notification System** Mobile and email alert of alarms, events to pre-scheduled persons with SMS, real-time app-based notifications, and DND policies
- 6. Digital Acknowledgment** Alarm acknowledgement with e-signatures and comprehensive audit trail compliance
- 7. Regulatory Compliance** Secured audit trail report and calculation of MKT for any days with 21 CFR Part 11 compliance features
- 8. Backup System** Automatic and manual both type of daily data backup with scheduled intervals, compressed files, and complete restoration capabilities
- 9. Data Management** Additional features of data archival & data restore with retention policies and database integrity checking
- 10. Access Control Integration** Biometric Device Integration with door access data integrated into REMI Web Based software including fingerprint authentication and access logging
- 11. Advanced Reporting & Analytics** PDF report generation, scheduled reporting, and real-time data visualization
- 12. VReal-Time Monitoring** Live data updates, interactive dashboards, and real-time alarm monitoring with instant notifications
- 13. Communication Protocols** Support for Modbus RTU/TCP, serial communication (RS232/RS485), TCP/IP Ethernet

Technical Data							
Model	CHM-6 Plus	CHM-10 Plus	CHM-12 Plus	CHM-16 Plus	CHM-19 Plus	CHM-28 Plus	CHM-35 Plus
Internal Volume (Litres)	200	280	370	450	540	800	1000
Number of tray	2	3	4	5	6	6	7
Internal Dimensions (WxDxH) (mm)	600x455x735	600x455x1030	600x455x1360	660x655x1050	660x655x1250	800x800x1250	800x800x1580
External Dimensions (WxDxH) (mm)	740x780x1305	740x780x1600	740x780x1930	800x1095x1620	800x1095x1820	960x1370x1950	960x1370x2270
Temperature Range & Accuracy	10°C to 60°C, ± 1°C						
Humidity Range(RH) & Accuracy	40% to 95%, ± 3% (25% to 95% available on request)						
Temperature & Humidity Control	Microprocessor with Capacitance type sensor						
Display	4" LCD Screen, Large size Display for ease of reading						
Power Failure Alarm	Visual Alarm						
Door OpenAlarm	Audio Visual, in case door open for over one minute						
Temperature Variation Alarm	Set Humidity ± 3%, Set Temperature ± 1°C, Audio Visual Alarm						
Illumination	8 Watts Fluorescent Tube						
Internal Body Material	Stainless Steel - 304 grade (Standard Models), Stainless Steel - 316 grade (GMP Models)						
External Body Material	Powder Coated CRCA Steel (Standard Models), Stainless Steel - 304 grade (GMP Models)						
Insulation	70 mm minimum for Body & 80 mm for Door, CFC free polyurethane foam (Triple wall)						
Noise Level	Less Than 65 db(A)						
Recommended Voltage Stabilizer	VS-04					VS-07	
Supply: 220-240 Volts 50 Hz Single Phase.							

Specifications subject to change without notice



REMI Stability Chambers are designed as per ICH Guidelines for precise monitoring of temperature and humidity conditions for long term, intermediate & accelerated stability studies at chemical, pharmaceutical, agrochemical manufacturing facilities. **These chambers are manufactured to comply with GMP requirements**



SC-19 Plus

Salient Features :

- 4" LCD Display
- Fulfills storage conditions of 25°C – 60% RH, 40°C – 75% RH, 30°C – 65% RH, 25°C – 40% RH
- Machine filled CFC free PUF insulation to eliminate void pockets
- Forced air circulation to maintain uniform conditions inside chamber
- Hermetically sealed Compressor with CFC free refrigerant
- Output for remote alarm
- Settable High / low alarm points with date and time
- Power failure and resumption recorded with date and time
- High temperature safety cut off & alarms
- Low water level alarm and power cutoff of boiler tank heater
- Rounded inner chamber for easy cleaning
- Weight carrying capacity of each tray : 30 Kg
- Smart Handle with LED door closure indication
- Port for calibration probes / safety back up
- Air Vent for better humidity control

Optional

- 7" Touch screen display (TFT) with additional features
- Data logger for 8 Point (4+4) temperature / humidity recording
- Biometrics Magnetic Door Access
- Validation (mapping) consist of one cycle for temperature/humidity at any one set point for 24 hours on empty and loaded condition
- Standby Refrigeration System/Humidity System
- **REMI Datasoft Pro** software complying to 21 CFR part 11 as per USFDA Guidelines

Display options for Stability Chambers

LCD Display



Features

- 4 Inch attractive LCD display • Intelligent Controller helps maintain in case of sensor failure • Battery Backup for Temperature Controller • Auto tuning of controller • Self-Diagnosis for errors • Histogram format of 24 hours temperature recording • Settable High / low alarm points • Memory of upto 1000 records • Audio Visual Alarm • Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Touch Screen Display



Features

- 7 inch colour touch screen with PLC (Programmable logic controller) • Memory of upto 1500 records • Audio Visual Alarm • Ethernet port • Battery backup in case of power failure for display, alarms & off line data log in • Logic based functioning of standby systems of Refrigeration / Humidity • Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Specifications subject to change without notice

REMI 'DATASOFT Pro'

Features

- 1. Web-Based Software Accessibility** Web-based software accessible through browser helps instantly connect REMI chambers from anywhere only to authorized users.
- 2. Multi-Device Connectivity** Multiple REMI chambers up to 30 devices connected to single software.
- 3. Network Connectivity** Ethernet based having LAN connectivity helps authorized person to login into software from any PC connected to server.
- 4. Multi-User Collaboration** Multiple hierarchy levels to view, analyze, e-Review, e-Approval, e-Comment on data with role-based access control
- 5. Alert & Notification System** Mobile and email alert of alarms, events to pre-scheduled persons with SMS, real-time app-based notifications, and DND policies
- 6. Digital Acknowledgment** Alarm acknowledgement with e-signatures and comprehensive audit trail compliance
- 7. Regulatory Compliance** Secured audit trail report and calculation of MKT for any days with 21 CFR Part 11 compliance features
- 8. Backup System** Automatic and manual both type of daily data backup with scheduled intervals, compressed files, and complete restoration capabilities
- 9. Data Management** Additional features of data archival & data restore with retention policies and database integrity checking
- 10. Access Control Integration** Biometric Device Integration with door access data integrated into REMI Web Based software including fingerprint authentication and access logging
- 11. Advanced Reporting & Analytics** PDF report generation, scheduled reporting, and real-time data visualization
- 12. VReal-Time Monitoring** Live data updates, interactive dashboards, and real-time alarm monitoring with instant notifications
- 13. Communication Protocols** Support for Modbus RTU/TCP, serial communication (RS232/RS485), TCP/IP Ethernet

Technical Data							
Model	SC-6 Plus	SC-10 Plus	SC-12 Plus	SC-16 Plus	SC-19 Plus	SC-28 Plus	SC-35 Plus
Internal Volume (Litres)	200	280	370	450	540	800	1000
Number of tray	2	3	4	5	6	6	7
Internal Dimensions (WxDxH) (mm)	600x455x735	600x455x1030	600x455x1360	660x655x1050	660x655x1250	800x800x1250	800x800x1580
External Dimensions (WxDxH) (mm)	740x780x1305	740x780x1600	740x780x1930	800x1095x1620	800x1095x1820	960x1370x1950	960x1370x2270
Temperature Range & Accuracy	10°C to 60°C, ± 1°C						
Humidity Range(RH) & Accuracy	40% to 95%, ± 3% (25% to 95% available on request)						
Temperature & Humidity Control	Microprocessor with Capacitance type sensor						
Display	4" LCD Screen, Large size Display for ease of reading						
Power Failure Alarm	Visual Alarm						
Door OpenAlarm	Audio Visual, in case door open for over one minute						
Humidity / Temperature Variation Alarm	Set Humidity ± 3%, Set Temperature ± 1°C, Audio Visual Alarm						
Illumination	8 Watts Fluorescent Tube						
Internal Body Material	Stainless Steel - 316 grade						
External Body Material	Stainless Steel - 304 grade						
Insulation	70 mm minimum for Body & 80 mm for Door, CFC free polyurethane foam						
Noise Level	Less Than 65 db(A)						
Recommended Voltage Stabilizer	VS-04					VS-07	VS-07
Supply: 220-240 Volts 50 Hz Single Phase.							

Specifications subject to change without notice



REMI Walk in chambers are designed for simulating, monitoring & control of environmental conditions like temperature & humidity. They are available in standard sizes & can also be tailor made to suit specific requirements. Forced air circulation with the help of fan blower maintains uniform conditions. Use of intelligent control systems & dedicated **REMI 'Datasoft Pro'** software complying to 21 CFR Part 11 requirements greatly enhances the performance. These chambers can be provided with standby refrigeration & humidity systems (optional) for uninterrupted functioning.



Display options for Walk-in Chambers

LCD Display



Features

- 4 Inch attractive LCD display • Intelligent Controller helps maintain in case of sensor failure • Battery Backup for Temperature Controller • Auto tuning of controller • Self-Diagnosis for errors • Histogram format of 24 hours temperature recording • Settable High / low alarm points • Memory of upto 1000 records • Audio Visual Alarm • Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Touch Screen Display



Features

- 7 inch colour touch screen with PLC (Programmable logic controller) • Memory of upto 1500 records • Audio Visual Alarm • Ethernet port • Battery backup in case of power failure for display, alarms & off line data log in • Logic based functioning of standby systems of Refrigeration / Humidity • Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Salient Features :

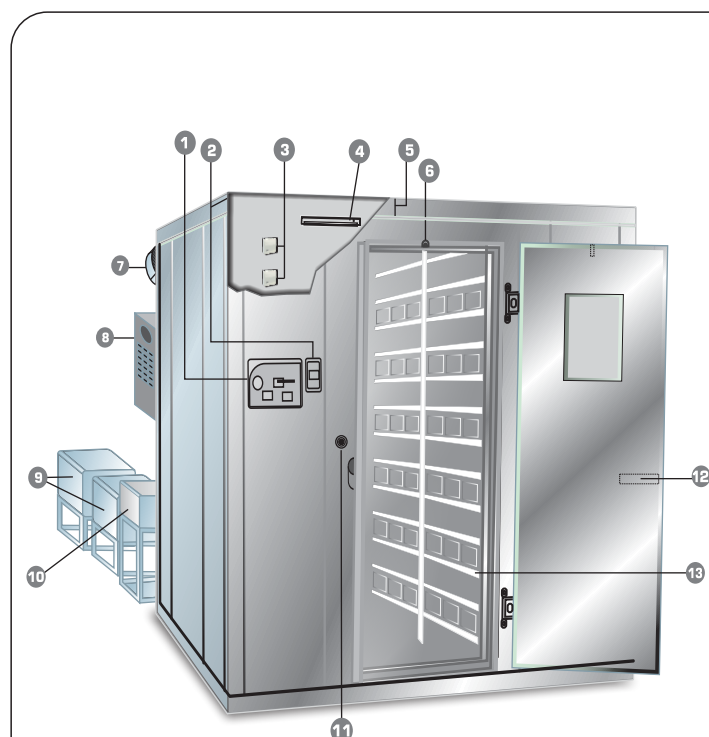
- Designed as per ICH guidelines to meet, WHO and USFDA requirement
- Fulfills storage conditions of 25°C-60% RH, 40°C-75% RH, 30°C-65% RH 25°C-40% RH
- Temperature Range: 20°C to 60°C, Uniformity: $\pm 1^\circ\text{C}$ (STABILITY CHAMBERS)
- Humidity range: 40% RH to 95% RH, Uniformity: $\pm 3\% \text{RH}$ (STABILITY CHAMBERS)
- Temperature Range: 2°C to 8°C, Uniformity: $\pm 1^\circ\text{C}$ (COLD ROOMS)
- Microprocessor based auto tuning PID controller for precise control of temperature and humidity
- Heating by long lasting SS tubular heaters
- Auto change over to standby systems through PLC (Optional)
- Auto switch over to standby sensor in case of Controlling Sensor failure through PLC (Optional)
- Capacitance type Humidity sensor for direct display of RH and temperature (STABILITY CHAMBERS)
- Audio visual alarm for temperature, humidity variations and utility failures
- Output for remote alarm in lab and at security gate
- Safety includes shut off of humidity and air heaters in case of temperature overshoots

or undershoots beyond specified limits with alarms

- Facility to open the door from inside with emergency bell switch inside the chamber
- SS Boiler Tank with low water level alarm and power cut off to save boiler heater

Optional

- Touch screen display (TFT) with additional features
- Validation protocol with IQ, OQ, PQ Documentation
- Data logger for 8 Point (4+4) temperature / humidity recording with sensor, printer interface and software
- Biometrics Magnetic Door Access for Secured Door opening with software to maintain log
- Validation (mapping) consist of one cycle for temperature/humidity at any one set point for 24 hours on empty and loaded condition
- Standby Refrigeration System/Humidity System
- **REMI Datasoft Pro** software complying to 21 CFR part 11 as per USFDA Guidelines



- 1) Intelligent PLC/PID control system helps maintain highly accurate set parameters
- 2) Biometrics system for secured door access
- 3) Dual Capacitance type Humidity Sensors failure of one sensor automatically transfers regulation to other sensor
- 4) Chamber illumination by fluorescent tubes
- 5) Double walled modular panels with PUF Insulation for maximum thermal protection
- 6) Spring Door Latch for door closure
- 7) Blower Motor for forced air circulation
- 8) Control panel with Data-logger, PC connectivity and electrical components
- 9) CFC Free Refrigeration system with split type condensing unit, Standby refrigeration (Optional)
- 10) Standby humidity (Optional)
- 11) Emergency bell switch to open the door from inside
- 12) Highly ergonomic handle with unique multi lever key lock
- 13) SS Racks and Trays

Specifications subject to change without notice

REMI 'DATASOFT Pro'

Features

- 1. Web-Based Software Accessibility** Web-based software accessible through browser helps instantly connect REMI chambers from anywhere only to authorized users.
- 2. Multi-Device Connectivity** Multiple REMI chambers up to 30 devices connected to single software.
- 3. Network Connectivity** Ethernet based having LAN connectivity helps authorized person to login into software from any PC connected to server.
- 4. Multi-User Collaboration** Multiple hierarchy levels to view, analyze, e-Review, e-Approval, e-Comment on data with role-based access control
- 5. Alert & Notification System** Mobile and email alert of alarms, events to pre-scheduled persons with SMS, real-time app-based notifications, and DND policies
- 6. Digital Acknowledgment** Alarm acknowledgement with e-signatures and comprehensive audit trail compliance
- 7. Regulatory Compliance** Secured audit trail report and calculation of MKT for any days with 21 CFR Part 11 compliance features
- 8. Backup System** Automatic and manual both type of daily data backup with scheduled intervals, compressed files, and complete restoration capabilities
- 9. Data Management** Additional features of data archival & data restore with retention policies and database integrity checking
- 10. Access Control Integration** Biometric Device Integration with door access data integrated into REMI Web Based software including fingerprint authentication and access logging
- 11. Advanced Reporting & Analytics** PDF report generation, scheduled reporting, and real-time data visualization
- 12. VReal-Time Monitoring** Live data updates, interactive dashboards, and real-time alarm monitoring with instant notifications
- 13. Communication Protocols** Support for Modbus RTU/TCP, serial communication (RS232/RS485), TCP/IP Ethernet

Technical Data					
WALK-IN STABILITY CHAMBERS	WSC-50	WSC-80	WSC-100	WSC-120	WSC-150
WALK-IN COLD ROOM	WCR-50	WCR-80	WCR-100	WCR-120	WCR-150
Internal Volume (Liters)	5000	8000	10000	12500	15000
Number of Shelves	16	24	32	48	48
Internal Dimensions W x D x H (mm)	1250 x 2000 x 2000	2000 x 2000 x 2000	2000 x 2000 x 2500	2000 x 2500 x 2400	2000 x 2500 x 2400
External Dimensions W x D x H (mm)	1410 x 2360 x 2160	2160 x 2360 x 2160	2160 x 2360 x 2660	2160 x 2860 x 2560	2660 x 2860 x 2560
Internal Body Material	Stainless Steel 304 grade (Standard Models), Stainless Steel 316 grade (GMP Models)				
External Body Material	Powder Coated CRCA Steel (Standard Models), Stainless Steel 304 grade (GMP Models)				
Insulation	80 mm minimum, CFC free polyurethane foam				
Illumination	Fluorescent Tubes				
Control & Display	Microprocessor based PID control system with large 4" LCD Display				
Power Failure Alarm	Audio Visual Alarm				
Door Open Alarm	Audio Alarm in case door open for over one minute				

	Walk-In Stability Chambers	Walk-In Cold Rooms
Sensor	Capacitance type direct reading	PT-100
Temperature range & Accuracy	20°C to 60°C, ± 1°C	2°C to 8°C, ± 1°C
Humidity Range (RH) & Accuracy	40% to 95%, ± 3% RH	xx
Audio Visual Variation Alarm	Set Humidity ± 3% RH, Set Temperature ± 2°C	Set Temperature ± 2°C

Supply:- 220-240V,50Hz, single phase

Note: Walk-in Stability Chambers & Walk-in Cold Rooms also offered in sizes as per your requirement. Please contact us with details for the same.

Specifications subject to change without notice



Therapeutic Chair



Blood Collection Monitor



Benchtop Tube Sealer



Thawing Bath



Blood Storage Cabinet



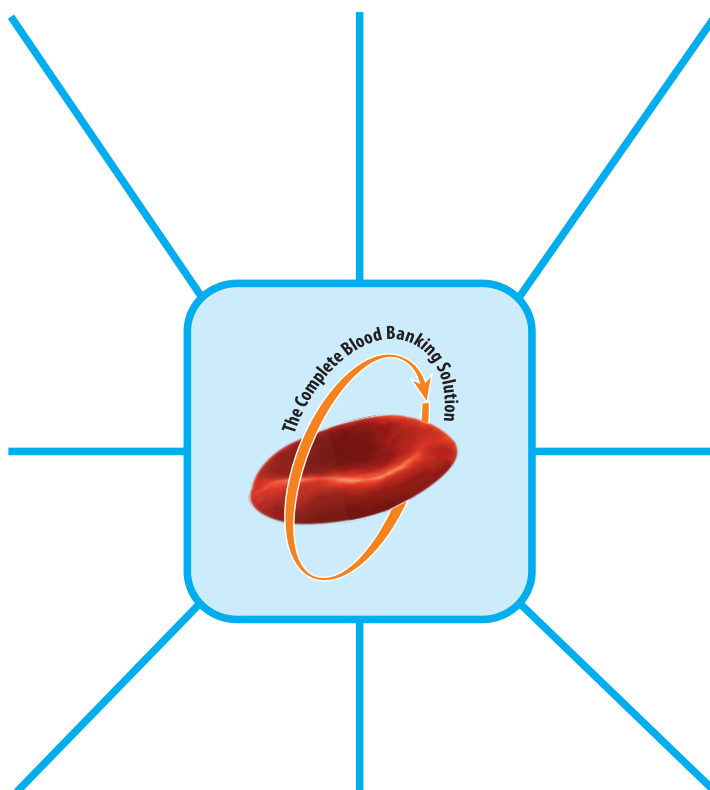
Platelet Incubator



Plasma Freezer



Refrigerated Centrifuge





Corporate Marketing Office
REMI SALES & ENGINEERING LIMITED.

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SCAN ME



**REMI HEALTHCARE
CATALOGUE**

SCAN ME



**REMI LABORATORY
CATALOGUE**

Manufacturing Plant
REMI ELEKTROTECHNIK LIMITED.

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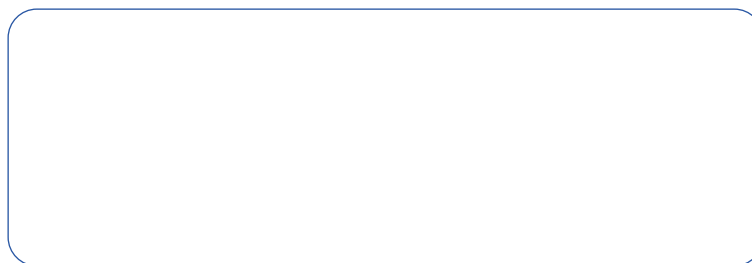
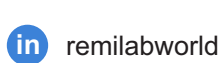
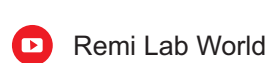
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SECUNDERABAD

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