

# Magnetic Stirrers



**10 MLH Plus**



**5 MLH Plus**



REMI presents the next generation of magnetic stirrers with new stir technology. These are available in both hotplate & without hotplate versions.

### Performance

- Speeds range 100 - 1500 rpm
  - Porcelain Enamel Hot Plate model for temperatures up to 340°C
  - Ceramic Hot Plate model temperatures up to 550°C
  - 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

### Leading Technology

- Advanced Stirrers with microprocessor technology
- Constant speed even with change of load / Voltage
- Maintenance free brushless motor
- Porcelain Enamel / Ceramic Top Plates
- Scratch proof & excellent chemical resistance

### User Friendly

- External temperature probe (PT-1000) for control of fluid temperature
- Last parameter recall, ideal for repetitive processes
- **Models 5ML Plus & 5MLH Plus have feature of different modes:-**
- A mode for running without external temperature sensor
- B Mode for control of temperature through external sensor
- C Mode for recall of last set Parameters

### Safety

- Unique safety temperature control system
- Settable safe temperature limit to avoid overheating
- Residual Temperature warning when unit is switched off for operator safety
- Protection class acc. to DIN EN60529

### Technical Data

Model	5 ML plus	5 MLH plus	10 ML plus	10 MLH plus
Power [W]	50	550	50	1050
Max. stirring quantity (Water)(Liters)	5	5	10	10
Stirring Paddle (PTFE coated)	Q-19A (9 x 35mm)	Q-19A (9 x 35mm)	Q-20A (13 x 50mm)	Q-20A (13 x 50mm)
Motor rating input [W]	18	18	18	18
Motor rating output [W]	10	10	10	10
Speed range [rpm]	100-1500	100-1500	100-1500	100-1500
Speed / Temperature display	LCD	LCD	LCD	LCD
Speed display resolution [rpm]	1	1	1	1
Top Plate Material	Porcelain enamel	Porcelain enamel	Glass Ceramic	Glass Ceramic
Dimension of Top Plate [mm]	φ135	φ135	184 x 184	184 x 184
Heating power [W]	-	500	-	1000
Temperature Range	-	Up to 340°C	-	Up to 550°C
Control accuracy of heating temperature	-	1°C	-	1°C
Residual Heating Warning Alarm	-	Above 50°C	-	Above 50°C
Control accuracy of heating temperature with PT-1000	-	0.2°C	-	0.2°C
External Temperature sensor	-	PT-1000	-	PT-1000
Dimensions (WxDxH) (mm)	280x160x85	280x160x85	360x215x112	360x215x112
Weight (kg)	2.8	2.8	5.3	5.3
Protection class acc. to DIN EN60529	IP 42	IP 42	IP 21	IP 21

Supply 220/240 Volts, 50 Hz