

# Magnetic Hotplate Stirrer

## AHMS Series



### Features:

- Stainless steel cover with ceramic plate and metal housing provides high chemical resistance.
- Brushless DC motor
- The "HOT" warning will flash when the plate temperature is above 50°C even when the hotplate is turned off
- Connect with temperature sensor PT 1000 to detect sample temperature.
- Provide PC control and data transmission.
- A wide variety of accessories are available.

### Technical Data

- Maintenance free brushless DC motor
- Max. temperature 340°C
- Max speed 1500 rpm
- Stainless steel work plate with ceramic coating providing good chemical-resistance performance
- Safety circuits provide overheating protection
- A wide variety of accessories are available.

Model	AHMS
Dimension of work plate (mm)	Ø135 (5 inch)
Work plate material	Stainless Steel with ceramic coated
Motor type	Brushless DC motor
Motor rating input (W)	18
Motor rating output (W)	10
Power (W)	530
Power Requirements	230 Vac, ± 20%, 50-60Hz
Stirring positions	1
Max. Stirring quality (H <sub>2</sub> O), L	20 Ltr.
Max. magnetic bar (L x Ø)mm	80
Speed range (rpm)	0-1500
Speed Display	Scale
Heating output (W)	500
Heating temperature range (°C)	Room Temp. ~ 340°C, increment 1
Safety temperature (°C)	350
Protection class according to DIN En60529	IP 42
Permissible ambient temperature (°C)	5 - 40
Permissible relative humidity	80% RH
Dimension (LxWxH)	280 x 160 x 85mm
Weight Approx.	2.8 kg