

Hot Plate Magnetic Stirrer

Led Heat(Hotplate model)

Product overview



Magnetic stirrer suitable for routine laboratory operation with new stirring technology. Heavy duty instrument and easy operation. Available as a classic version or high advanced PC controlled. Wide range of selection to meet your requirement. With or without heating, Stainless steel or ceramic plate surface. SMH -series (Classic) Speed range of 0-1500 rpm.

Max. Stirring quantity 20L Stainless steel and ceramic coated work plates Motor with electronic speed control, constant speed even during changes in load High magnetic adhesion, prevent the stirrer bar escape Enclosed assembly with protection class IP42 and DC brushless motor guarantees long service→ Separated safety circuit, automatically stop heating when temperature over 350°C→ Analogue or LCD Display Model SM - SMH – (Advanced)

Advanced magnetic hotplate stirrers with LCD digital display PID temperature technology precise controls heating process, rapidly reaches target temperature with high control accuracy, heating temperature up to 340°C.

Applications

- The instrument is designed for mixing and/or heating liquids in schools, laboratories or factories.
- Observe the minimum distances between the devices, between the device and the wall and above the assembly (min. 100 mm)



Silent feature

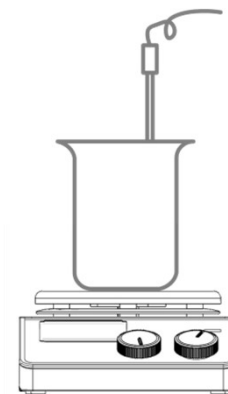
- Adjustable safety circuit for heating plate temperature (0 to 360 °C)
- Digital LED display shows exact temperature and speed setting, even when switched off
- Safety temperature limit setting can be digitally displayed
- Can be used at 5 to 40 °C (80% relative humidity), in an incubator or cold room

Technical Specifications



Items	Specifications
	Classic Model
Voltage[VAC]	100-120/200-240 increment:10
Rotary speed display	Scale
Plate material	Stainless eel with ceramic coated
Dimensions o f work plate(mm)	Ø135
*Heating power[W]	500
*Temperature range[°C]	RT-340,
*Temperature display[°C]	LCD
*Temperature display accuracy[°C]	±0.1
Temperature	100-360
*Temperature sensor in medium	PT1000
*Control accuracy of heating temp	±0.2
*Residual heat warning	50°C
Dimensions(mm)	280×160×85
Weight[kg]	2.8
Permittedambienttemperature[°C]	May-40
Permittedrelativehumidity	80%
Protectionclassacc.toDIN60529	IP42
RS232interface	no

Working with external temperature sensor



Associated Standards and Regulations

Construction in accordance with the following Safety standards:

EN61010-1

UL3101-1

CAN/CSA C22.2(1010-1)EN61010-2-10

Construction in accordance with the following EMC standards:

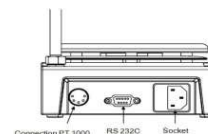
EN61326-1

Associated EU guidelines:

EMC-guidelines:89/336/EWG

Instrumentguidelines:73/023/EWG

Remote Control(classic model)



The unit can be controlled from an external PC (using the dedicated software) via the RS232C serial interface fitted to the unit. Data communication from laboratory instrument to computer is only possible on demand of the computer.



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