

01-310X Magnetic Stirrer Hotplate

This combined magnetic stirrer and hotplate provides simultaneous stirring of up to 1500 rpm and heating of up to 280°C, making it ideal for the needs of most analytical and biological laboratories.

Features

- Digital control system
- Easy-to-read LED display
- Stirring speed range: 100-1500 rpm
- Temperature range: room temp. - 280°C
- Quick heating times
- ABS casing is fire-retardant and resistant to weak acids and bases
- Ceramic-coated stainless steel hotplate is chemically resistant and scratch-proof
- Safety feature: HOT caution indicator is displayed at 50°C and above
- Safety feature: heating automatically stops if hotplate temperature exceeds 320°C



Cat. No: 01-3191

Temperature sensor for digital hotplate models, length: 230mm



Cat. No: 01-3192

Support clamp for 01-3191, use with 01-310X



Specifications

Catalogue No.	01-310X
Dimensions of hotplate [mm]	135
Hotplate material	Stainless steel with ceramic coating
Motor type	DC motor
Motor input rating [W]	5
Motor output rating [W]	3
Power [W]	515
Voltage [VAC]	100-120/200-240
Frequency [Hz]	50/60
Stirring positions	1
Max. stirring quantity [L, H ₂ O]	3
Max. magnetic bar size [L, mm]	50
Speed range [rpm]	100-1500
Heating output [W]	500
Heating temperature range [°C]	Room temp.-280, increment 1
Control accuracy of work plate [°C]	±1 (<100°C) ±1% (>100°C)
Auto-shutoff temperature [°C]	320
Temperature display	±1
HOT caution warning [°C]	50
Protection class	IP21
Dimension [W x D x H, mm]	150 x 260 x 80
Weight [kg]	1.8
Permissible ambient temperature [°C]	5-40
Permissible relative humidity	80%