

Magnetic Stirrer Hot Plates With Digital Display



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Multiplace 400ml Capacity ~ 120c

Features

- Stirs up to 20L
- Heat up to 340°C
- LCD displays both set and actual temp./speed
- HOT warning indicating residual heat
- Stainless steel plate
- External PT1000 temperature sensor available improving accuracy to $\pm 0.2^\circ\text{C}$
- Automatic recognition of PT1000 once connected
- Enclosed aluminium alloy casing
- DC Brushless motor

Ordering Information:

Product Code	Description	
400.100.111	Stirrer Hotplate 20L	Each



Technical Specifications

Product Code	400.100.111
Plate Dimension	135mm Dia
Plate Material	Stainless Steel
Motor Type	DC Brushless Motor
Motor Rating Input	18W
Motor Rating Output	10W
Power	550W
Voltage	240V/60Hz
Stirring Positions	1
Maximum Stirring Volume	20L
Maximum Magnetic Stirrer Bar	80mm
Speed Range	100 to 1,500rpm
Speed Display	Digital, LCD
Heating Output	500W
Heating Temperature	Ambient to 340 °C
Control Accuracy of Plate	$\pm 1^\circ\text{C}$ ($\leq 100^\circ\text{C}$) $\pm 1\%$ ($\geq 100^\circ\text{C}$)
Safety Temperature	360°C
Temperature Display	Digital, LCD
Temperature Display Accuracy	$\pm 0.1^\circ\text{C}$
External Temperature Sensor	Yes, PT1000
Control Accuracy with PT1000	$\pm 0.2^\circ\text{C}$
Residual Heat Warning	Yes, $\geq 50^\circ\text{C}$
RS232 Interface	Yes
Protection Class	IP21
Dimensions	160 x 280 x 85mm
Weight	2.8kgg
Permissible Ambient Temp	5 to 40°C
Permissible Relative Humidity	80%

20 Litre Capacity ~ 550c

Features

- Stir up to 20L
- Heat up to 550°C
- Large square, ceramic glass plate
- LCD displays both set and actual temperature/speed
- HOT warning indicating residual heat
- External PT1000 temperature sensor available improving accuracy to $\pm 0.2^\circ\text{C}$
- Automatic recognition of PT1000 once connected
- Fixed safety circuit cuts off unit off at 580°C
- DC Brushless motor

Ordering Information:

Product Code	Description	
400.100.120	Stirrer Hotplate Ceramic Plate 20L	Each



Technical Specifications:

Product Code	400.100.120
Plate Dimension	184 x 184mm
Plate Material	Glass Ceramic
Motor Type	DC Brushless Motor
Motor Rating Input	18W
Motor Rating Output	10W
Power	1050W
Voltage	240V/60Hz
Stirring Positions	1
Maximum Stirring Volume	20L
Maximum Magnetic Stirrer Bar	80mm
Speed Range	100 to 1,500rpm
Speed Display	Digital, LCD
Heating Output	1000W
Heating Temperature	Ambient to 550 °C
Control Accuracy of Plate	$\pm 1^\circ\text{C}$ ($\leq 100^\circ\text{C}$) $\pm 1\%$ ($\geq 100^\circ\text{C}$)
Safety Temperature	580°C
Temperature Display	Digital, LCD
Temperature Display Accuracy	$\pm 0.1^\circ\text{C}$
External Temperature Sensor	Yes, PT1000
Control Accuracy with PT1000	$\pm 0.2^\circ\text{C}$
Residual Heat Warning	Yes, $\geq 50^\circ\text{C}$
RS232 Interface	Yes
Protection Class	IP21
Dimensions	215 x 360 x 112mm
Weight	5.3kg
Permissible Ambient Temp	5 to 40°C
Permissible Relative Humidity	80%

Hotplate Sensors & Clamp Stands

Ordering Information:

Product Code	Description	Pack Size	400.100.105	400.100.110	400.100.120
400.100.208	Cover Protection	Each	No	Yes	No
400.100.218	Temperature Sensor PT1000 230mm	Each	Yes	Yes	Yes
400.100.219	Temperature Sensor PT1000 Glass Coated 230mm	Each	Yes	Yes	Yes
400.100.225	Clamp Support for PT1000 Includes: Rod, Bosshead & Sensor Holder	Each	No	Yes	Yes
400.100.226	Clamp Support for PT1000 Includes: Rod, Bosshead & Sensor Holder	Each	Yes	No	No

