

GHS-380 Series

Hotplates, Magnetic Stirrers & Magnetic Stirrer HotPlates



*GHS-380HS
Hotplate Stirrer*



*GHS-380HS
Hotplate Stirrer shown with
optional temperature sensor
and support stand.*

The GHS-380 group of Hotplates, Magnetic Stirrers and Magnetic Stirrer Hotplates are reliable and easy to use. The low profile and small footprint save valuable workspace. The chemical resistant ceramic-coated 5.5-inch square work surface is easy to clean and ensures years of service.

Selecting the heat temperature and stirring speed is extremely intuitive with a digital LCD display and control knobs. A microprocessor-controlled circuit ensures accurate, stable control of heating and stirring.

The Magnetic Stirrer and Hotplate Magnetic Stirrer models provide strong magnetic coupling for powerful mixing that is enabled by a maintenance free brushless DC motor. The stirrers can mix up to 5 liters of water, which allows for excellent homogeneity of solutions.

The Hotplate and Hotplate Magnetic Stirrer models include a powerful 500-watt heater that provides temperatures up to 380°C. For ultimate accurate temperature control within 0.5°C, an optional PT1000 sensor and retort stand are available for measuring temperatures directly in the vessel. Overtemperature protection is added should temperatures reach 420°C.

Features:

- Simple, intuitive operation
- Maintenance-free brushless DC motor
- Small footprint saves valuable bench space
- Powerful 500W heater
- Easy-to-clean ceramic coated aluminum surface
- Easy-to-read high resolution LCD display for simple, clear control
- Powerful magnetic coupling for stirring up to 5L of water
- Optional external temperature sensor control

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GHS-380H Hotplate shown with optional temperature sensor and support stand.

All GHS-380 Series units feature a 5.5" square, chemical resistant ceramic-coated work surface.



GHS-380S Stirrer

SPECIFICATIONS

Unit Type	Hotplate Stirrer	Hotplate	Stirrer
Model	GHS-380HS	GHS-380H	GHS-380S
Working Surface Area	140mm W x 140mm D (5.5in W x 5.5in D)		
Working Surface Material	Ceramic-Coated Aluminum		
Heating Power	500W	500W	N/A
Temperature Range	Ambient +5°C to 380°C	Ambient +5°C to 380°C	N/A
Maximum Stir Volume	5L	N/A	5L
Stirring Speed Range	200-1500rpm	N/A	200-1500rpm
Stir Bar Length	50mm (2in)	N/A	50mm (2in)
Voltage	100-120v 60Hz or 200-240v 50Hz		
Power	510W		
Dimension (WxDxH)	320×180×108mm / 12.6 x 7.1 x 4.3in		
Weight	2.2kg / 4.9lbs		
Operating Temperature	5-40°C		
Permissible Relative Humidity	80%RH (non-condensing)		
Warranty	2 Years		

ORDERING INFORMATION

Item #	Description	Unit
GHS-380HS	Hotplate Stirrer, digital, 380°C maximum temperature, 5.5" x 5.5" ceramic coated top plate, 100-120v, 50-60Hz	Each
GHS-380HS -UK-EU	Hotplate Stirrer, digital, 380°C maximum temperature, 5.5" x 5.5" ceramic coated top plate, 200-240v 50-60Hz	Each
GHS-380H	Hotplate, digital, 380°C maximum temperature, 5.5" x 5.5" ceramic coated top plate, 100-120v, 50-60Hz	Each
GHS-380H-UK-EU	Hotplate, digital, 380°C maximum temperature, 5.5" x 5.5" ceramic coated top plate, 200-240v 50-60Hz	Each
GHS-380S	Stirrer, digital, 5.5" x 5.5" ceramic coated top plate, 100-240v, 50-60Hz	Each
GHS-STDSM	Sensor support stand and clamp, small, for use with GHS-380 models	Each
GHS-S230	Temperature sensor, 230mm length, for use with GHS models with heat	Each
GHS-S230G	Temperature sensor, 230mm length, glass coated, for use with GHS models with heat	Each