

# Digital Hotplates, Stirrers & Hotplate Stirrers



CE

- + Large white ceramic top plate
- + Safety LED indicates hot surface
- + Available with stir capacities up to 15L
- + Control actual sample temperature (with optional probe)



H3770-S



H3770-H



H3770-HS



H3710-S



H3710-H



H3710-HS

Benchmark Scientific Hotplates and Stirrers provide reliable performance and safe operation for everyday laboratory use. With two sizes (7" or 10") to choose from, each model features a durable, chemical resistant, white ceramic top plate and advanced microprocessor controls. The constant monitoring system provides precise control of temperature with rapid heating and faster boiling times (heating models only). In addition, the powerful motor drive system of the magnetic stirrer ensures efficient mixing in larger vessels and more viscous samples.

Temperature and/or mixing speed can be viewed at all times on the large digital display and a safety LED illuminates when the top plate temperature exceeds 50°C. An optional external temperature probe can be used for applications that require precise temperature control. The probe provides direct feedback to the microprocessor with adjustments for maintaining the selected sample temperature within  $\pm 1^\circ\text{C}$ . An optional clamp assembly (H3770-CS) is available for mounting thermometers, temperature probes, etc.

## Technical Data:

Speed Range	150 to 1500rpm*
Temp. Range	Ambient +5° to 400 °C*
Warranty:	2 Years
<b>H3770 (7 x 7)</b>	
Platform:	7 x 7 in. / 17.8 x 17.8 cm
Max Stir Capacity:	5L
Dimensions: (W x D x H)	7.5 x 11.5 x 4 in. / 18 x 27.9 x 10.1 cm
Weight:	8 lbs (3.6kg)
Electrical:	115V or 230V, 50-60 Hz, 850W
<b>H3710 (10 x 10)</b>	
Platform:	10 x 10 in. / 25.4 x 25.4 cm
Max Stir Capacity:	15L
Dimensions: (W x D x H)	11.6 x 16.7 x 4.5 in. / 29.5 x 42.4 x 11.4 cm
Weight:	8 lbs (3.6kg)
Electrical:	115V or 230V, 50-60 Hz, 1500W

\* Speed and temperature adjustments available only on relevant models

## Ordering Information:

Item No.	Description:
H3770-H*	Benchmark Digital Hotplate, 7 x 7"
H3770-S*	Benchmark Digital Magnetic Stirrer, 7 x 7"
H3770-HS*	Benchmark Digital Hotplate Stirrer, 7 x 7"
H3710-H*	Benchmark Digital Hotplate, 10 x 10"
H3710-S*	Benchmark Digital Magnetic Stirrer, 10 x 10"
H3710-HS*	Benchmark Digital Hotplate Stirrer, 10 x 10"
H3770-ROD	Optional support rod
H3770-TP	Optional temperature probe
H3770-CS	Clamp assembly with support rod and clamps for securing thermometers/probes

\*115V with US plug. For 230V (EU plug), please add (-E).