

# HCS | Series

## High Capacity Stirrers



**Stir volumes up to 150 liters**

**Chemically resistant white ceramic top surface**

**Powerful motor drive, for large scale applications**

**Digital control of both stirring speed and time**

**Switchable stirring direction**

Benchmark's HCS Series of magnetic stirrers are suitable for high volume, batch mixing of sample sizes up to 150 liters. Two models are available, each designed for large-scale stirring applications. The HCS-50 is suitable for mixing volumes up to 50L, while the HCS-150 is suitable for volumes up to 150L.

These stirrers feature a durable, chemically resistant white ceramic top plate, which protects the internals of the stirrer from leaks and spills. The powerful motor drive system ensures efficient and thorough mixing in large vessels of viscous samples. Mixing speed can be set and viewed on the large digital display and is adjustable in increments of 1 rpm from 50 to 1500 rpm. Stirring direction can also be set permanently or to change at regular intervals between 1 and 15 mins. The mixing time can be set from 1 second up to 9 hours, or for continuous operation. Mixing will stop upon the timer ending.

### Ordering Information

IPS7101-50\* Benchmark HCS-50, High Capacity Magnetic Stirrer, 50L

IPS7101-150\* Benchmark HCS-150, High Capacity Magnetic Stirrer, 150L

### Optional Accessories

IPS7101-BAR100 1ea. Stir bar, 100 mm

IPS7101-BAR150 1ea. Stir bar, 150 mm

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

### Technical Data

Model:	HCS-50L	HCS-150L
Speed Increments:	1 rpm	
Speed Range:	50-1500 rpm	50-1500 rpm
Maximum Stir Capacity:	50 Liter	150 Liter
Stir Bar Max Length:	100 mm	150 mm
Platform Dimensions:	11.8 x 11.8 in.	19.7 x 19.7 in.
External Dimensions:	16.7x11.8x3.1 in.	24.4x19.7x3.1 in.
Weight	11 lbs / 5 kg	22 lbs / 10 kg
Power Consumption:	30 W	80 W
Timer Range:	1 second to 9 hours; continuous	
Electrical:	120 or 230V, 50-60 Hz	
Warranty:	2 Years	