

Datasheet

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John Godrich in Partnership with VELP



HSC Ceramic Heating Magnetic Stirrer

All the advantages of a ceramic top!

- Fast heating, high temperatures (up to 400 °C) and high resistance
- Powerful magnet for powerful stirring (up to 1300 rpm)
- New design, advanced materials for enhanced performance
- Entry-level ceramic heating magnetic stirrer, analog



The HSC is an **analog hot plate stirrer** with **white ceramic heating plate**, that ensures **excellent resistance** to chemicals and scratches, is extremely **easy to clean** and is suitable for observing color changes (e.g. during titration, etc.).

HSC is the first hot plate stirrer with an entire technopolymer structure, extremely innovative and ideal for **premium resistance to acids, bases and solvents**.

The HSC can reach up to **400 °C**, is able to stir volumes of up to **15 L (H₂O)** and can reach a maximum speed of **1300 rpm**, thanks to the powerful motor.

The HSC is **designed to last** and equipped to **ensure maximum protection** against leakages with elevated front panel and dedicated run-off groove. The control panel is separated from the hot plate, this feature increases the **safety** rating during use and the **durability** of the instrument.

The inclination of the front panel has been carefully studied to **facilitate use**. Metal vessels can be used.

Features and Benefits

The HSC Heating Magnetic Stirrer is the **entry-level ceramic heating magnetic stirrer**, a compact unit with low profile and tested to **ensure high resistance to chemicals and mechanical agents**.

The white ceramic top-plate ensures **premium performance**, including short heating-up time (from room temperature to 400 °C in just few minutes) and the highest resistance to alkali/acid corrosion, chemical attacks, scratches and easy maintenance.

The powerful magnet allows a constant strong control of the stirring bar and prevents its decoupling at every speed (max speed 1300 rpm).

The **innovative design with separated control panel** ensures excellent safety.

The HSC offers high performance and long-term reliability along with the highest safety standards.

Technical Data	Description
Construction material:	technopolymer structure
Heating plate:	ceramic material
Dimensions of the heating plate:	180 x 180 mm (7.9 x 7.9 in)
Protection rating CEI EN 60529:	IP 42
Digital display:	set temperature reading
Electronic speed regulation:	up to 1300 rpm
Electronic temperature control:	from room temperature to 400 °C
Stirring volume (H ₂ O):	up to 15 liters
Stirring system:	high-power driving magnet operated by a mono-phase motor for continuous operation
Power Supply:	230V/ 50-60Hz or 115V/ 60Hz
Power:	800 W
Weight:	3.3 kg (7.3 lb)
Dimensions (W x H x D) :	203x94x344 mm (8.0x3.7x13.5 in)
Ordering Information Code No	Description
F20500101	HSC Heating magnetic stirrer (230V / 50-60 Hz)
F20510101	HSC Heating magnetic stirrer (115V / 60 Hz)
A00001056	Magnetic stirring bar, 6 x 35 mm
A00001061	Magnetic stirring bar, 9,5 x 60 mm
A00001060	Magnetic stirring bar, 10 x 40 mm
A00001071	Hemispheric bowl for 250 ml flasks
A00001072	Hemispheric bowl for 550 ml flasks
A00001073	Hemispheric bowl for 1000 ml flasks
A00001069	Support Rod

Your authorized agent:

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