

JSR



**DIGITAL
HOTPLATE STIRRER**

JSHS-18D

DIGITAL HOTPLATE STIRRER

amb. ~ 400 °C

MAX 1,500 rpm

20 Liter H₂O Stirring Capacity

JSHS-18D Digital hotplate Stirrer utilize the most advanced Digital FuzzyControl technology of temperature, stirring speed and time.
Control temperature range max. 400°C in +/- 0.1 °C resolution, stirring speed range from 80 to 1,500rpm, timer set to 99 hr 59 min.

Durable and rugged aluminum casting body and chemical resistant ceramiccoated topplate.



Features

Controller

Advanced microprocessor Digital Fuzzy Controller
Touch-sensitive Multi-Functional Capacitive Button
Easy-to-use JogDial for quick and convenient setting
Push to Run and Stop control.
High-fidelity clear backlight LCD display
Connected to optional External Temperature Probe

Performance Speed and Capacity

Temperature setting from +25 °C to 400 °C
0.1 °C resolution within +/-3.0 °C accuracy
Stirring speed range from 80 to 1,500rpm
Timer setting range from 1 min to 99 hr 59 min

Convenience

Screw type optional stand rod
Optional External Temperature Probe
Optional clamp, holder and wire clip sets

Construction

180 x 180mm sized durable, chemical and scratch resistant ceramic coated aluminum top plate.
Main body made by aluminum casting with durable epoxy powder coating resistant to most of the chemical and thermal damage
Suction-Cup type Feet provide strong and stable attachment on the table surface

Safety

OVER TEMP. PROTECTION
OVER CURRENT CUT-OFF : Fuse

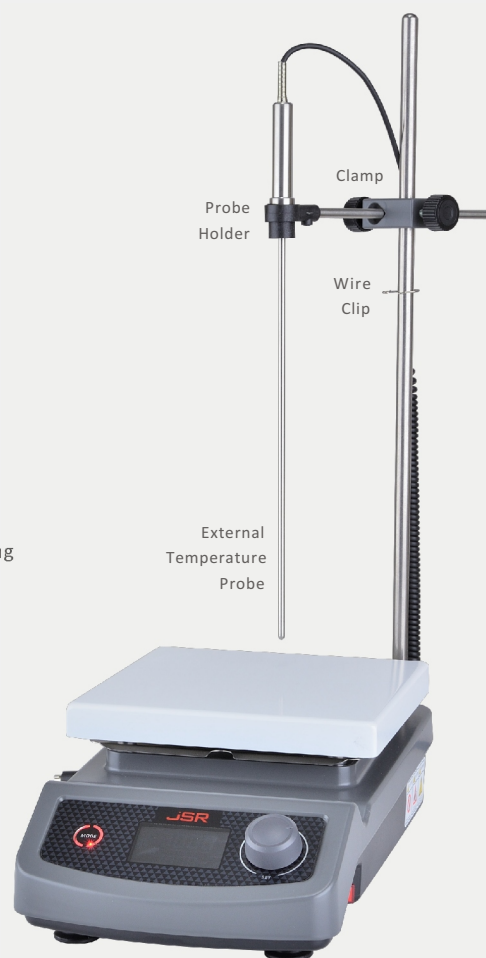
Specifications

Model	JSHS-18D
Performance Data	
Temp. Range	Max. 400°C, 0.1°C Resolution
Speed Range	80 ~ 1,500rpm, 5 rpm Resolution
Usable Magnetic Bar	Max. 50 mm in length
Stirring Capacity (H ₂ O)	20 liters
Controller	
Type	Digital Fuzzy Control with Capacitive Touch Button and Jog Dial Full Size Digital Back Light Graphic LCD Display
Motor	Brushless Shade Motor
Heater	600 Watt
Dimensions	
Plate Dims. (W x D)	180 x 180 mm
Outer Dims. (W x D x H)	180 x 330 x 110 mm
Safety Data	
Safety Device	Over-Temp. Cut-Off Over Current Cut-Off
Material Data	
Top Plate	Aluminum with Ceramic Coating
Body	Aluminum Casting with epoxy powder coating
Base	Engineering Plastic
Electrical Data	
Power Requirement	230 +/- 10% VAC 50/60 Hz
Nominal Power	620 Watt 3.0 amp.
Phase	1 Phase
Plug Configuration	CEE 7/7 Schuko or BS 1363
Usable Condition	
Temp. & Humidity	5 °C - 40 °C, 80% RH Max.

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Ordering Information

Art. Number	Descriptions
JSHS-18D	Digital Hotplate Magnetic Stirrer 230 VAC 50/60 Hz
Optional Accessories	
PHE-01T	External Temperature Probe, CA, Stainless Steel
PHE-02F	External Temperature Probe, CA, Teflon
PHE-03S	Stand Rod, Stainless Steel
PHE-04H	SET of Temperature Probe Holder, Clamp, Wire Clip

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