



Tabletop Equipments

Hotplate Stirrer
Vortex Mixer
Overhead Stirrer
Homogenizer

25 ~ 400 °C

80 ~ 1,500 rpm

DIGITAL

JSHS-18D

Hotplate Magnetic Stirrer



Digital Fuzzy Control

Temperature control from 25 °C to 400 °C
by 0.1 °C resolution within +/- 3.0 °C accuracy
Stirring Speed from 80 rpm to 1,500 rpm
Digital Timer from 1 min to 99 hour 59 min



Touch Button

Touch-sensitive Capacitive Button compatible
to all kind of latex gloves as well as finger touch



Jog Dial

Easy-to-use Jog Dial for quick and convenient
setting of temperature, stirring speed and timer
Push to Run, Stop and Save Set Values



Hi-Fidelity LCD

High-fidelity clear back light LCD displays
complete operating conditions at a glance
Easy to monitoring set values,
and operating status



External Sensor

Connected to External Temperature Probe
for precise temperature control of sample
within +/- 3.0 °C accuracy



Ceramic Hot Plate

Chemical and scratch resistant ceramic coated
aluminum top plate



Brushless Motor

Brushless shade motor for powerful, steady
feedback speed control and long shelf life



#JSHS-18D Digital Hotplate Magnetic Stirrer

Technical Data

JSHS-18D

Plate Dimensions	W180 x D180 mm
Overall Dimensions	W180 x D330 x H110 mm
Stirring quantity (H2O)	20 L
Temperature	
Range	+25.0 °C to +400 °C
Accuracy	+/- 0.3 °C at +200 °C (/w External Temperature Probe)
Setting Resolution	0.1 °C
Speed	
Range	80 to 1500 rpm
Setting Resolution	5 rpm
Timer	1 min to 99 hr 59 min
Control	Digital Fuzzy Control with Capacitive Touch Button and Jog Dial Full Size Digital Back Light LCD Display Independent ON/OFF Switch
Temp. Sensor	Built-in Hot Plate Embedded CA Type Sensor External Temperature Probe CA Type Sensor [Option]
Motor	Brushless Shade Motor
Safety	Over Temp. / Over Current Cut-Off
Materials	
Heating Plate	Aluminum with ceramic coating
Body	Aluminum casting with epoxy powder coating
Base	Engineering Plastic
Heater Capacity	620 Watt
Power Rating	3.0 amps
Electrical Requirement	230VAC, 50/60Hz, 1-Phase
Permissible amb. temp	5 - 40 °C
Permissible Relative humidity	80 %

Ordering Information

Art. No.	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

