

Jeio Tech 30 to 2000rpm Advanced Hotplate Stirrer (TS-18Q)

Product Code: AAH34435K

Brand: Jeio Tech

Providing digital heating and stirring control, Jeio Tech's 30 to 2000rpm Advanced Hotplate Stirrer (TS-18Q) comes with various highly advanced features (auto tuning, multi-functional control modes). Supplied with a PT100 temperature probe to control the exact temperature of media in real time, both of which are shown on the digital display.

A smooth-start mechanism guarantees virtually no decoupling of stir bars even with viscous media. A hot top warning indicator, built-in thermal shut off, current limit protection and high and low temperature limit setting are all provided for user convenience and safety.



Features

Performance & Convenience

- Microprocessor PID temperature control
- Feedback control allows constant stirring speed
- Auto-tuning and temperature calibration functions
- Multi-functional temperature control modes (optimal/fast/slow/user/point)
- Optimum heating level is adjustable from 0 to 100%
- Integrated design of the heater and the top plate provides exceptional heat transfer rate and quick heat-up capability
- Fast and precise stirring operations are enabled by a BLDC motor and special magnet with extremely strong magnetic coupling power
- Smooth-start mechanism provides virtually no decoupling of stir bars even with viscous media
- Instant halt of the stirring operation
- Precise temperature is set by digital display and optimum heating level is adjustable
- Separate operation RUN/STOP button
- Provided temperature probe detects the actual temperature of media in real time (PT100, max. 250°C, SN-8-4 connector sensor)

Safety

- Hot top warning indicator, built-in thermal shut off, current limit protection
- High and low temperature limit setting for user convenience and safety

Specifications

Timer	1 min. to 99 hr. 59 min.
Temperature Range (°C)	Max. 350
Control	Feedback control with PID
Display	LED digital
Display Resolution (°C)	0.1
Heating Power (W)	800
Speed Range (rpm)	30 to 2000
Capacity (litres)	20
Plate Dimensions	180 x 180mm
Plate Material	Ceramic coated aluminium
Dimensions (W x D x H)	209 x 326 x 102mm
Net Weight (kg)	3.8

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