

## Jeio Tech 2.2kg Hotplate (T-I4S)

**Product Code:** AAH35015K

**Brand:** Jeio Tech

Jeio Tech's 2.2kg Hotplate (T-I4S) provides superior temperature control and comes with a variety of safety features (e.g. high and low temperature limit setting).

With its integrated design, this scientific hotplate delivers an excellent heat transfer rate and quick heat-up capability. The selective heating level can be allocated from 0 to 100%, and the exact temperature is applied on the hotplate's digital display.

### Features:

#### Performance & Convenience:

- Microprocessor PID temperature control.
- 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.
- Precise temperature is set by digital display and optimum heating level is adjustable.
- Advanced dual wait on/off timer modes. User can set timer to start immediately after the timer setting or only after the set temperature.
- Separate operation RUN/STOP button.
- Non-slip heating bath with concavo-convex bottom prevents unintentional slips of the bath.
- A transparent safety shield protects users from liquid splashes.
- Support rod allows for diverse flexibility in configuring other test equipment and accessories (optional).

#### Safety:

- Built-in thermal shut off and current limit protection.
- High and low temperature limit setting for user convenience and safety.
- Hot top warning indicator for preventing accidental injuries.
- Keypad lock function prevents accidental changes during operation.



## Specifications:

<b>Heating</b>	<b>Temperature Range (°C)</b>	Max. 350
	<b>Control</b>	Feedback control with PID
	<b>Display</b>	LED digital (0.1°C resolution)
	<b>Heating Power (W)</b>	600
<b>Safety</b>	<b>Hot Top Indicator (°C)</b>	Warning lamp (50°C)
	<b>Over Temperature</b>	Top plate/main body/PCB
	<b>Over Current</b>	Current limit protection
<b>Timer</b>		2 type, 1 min. to 99 hr. 59 min.
<b>Max. Load (kg)</b>		25
<b>Top Plate</b>	<b>Shape</b>	Round type
	<b>Material</b>	Ceramic coated aluminium
	<b>Dimensions (Ø or w x d)</b>	140
<b>Body</b>	<b>Shape</b>	Straight body
	<b>Material</b>	Aluminium
	<b>Dimensions (w x d x h)</b>	161 x 290 x 100mm
<b>Net Weight (kg)</b>		2.2
<b>Electrical Requirements (230V, 50/60Hz)</b>		3.0A

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