Digital Hot Plate
(Aluminium Coated with Ceramic Top)

TOPLAB INDIA'S Digital Hot plate is equipped innovative heating technology and a high quality LED display. TL-200-Series Ceramic hot plate with a bright LED screen for display of set and actual temperature and PID temperature control technology for accurate and reliable results. The Top plate has a various size available.

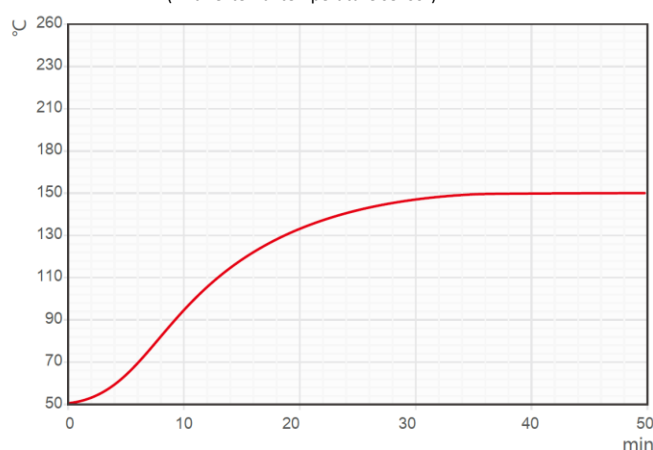**TL-200- HP1**   **TL-200- HP2**   **TL-200-HP3**

Description:

- PID temperature control technology for accurate and reliable results

- Suitable for complicated temperature control requirements

- Bright LED screen can display both set value and actual temperature

- Convenient temperature setting via on-touch control

- Timer function for automatic heating up to 100 hours

- Alarm signal output which can be applied to stop the operation of the hot plate and other connected devices

- External Pt100 temperature sensor connection for direct and precise control of the actual temperature.
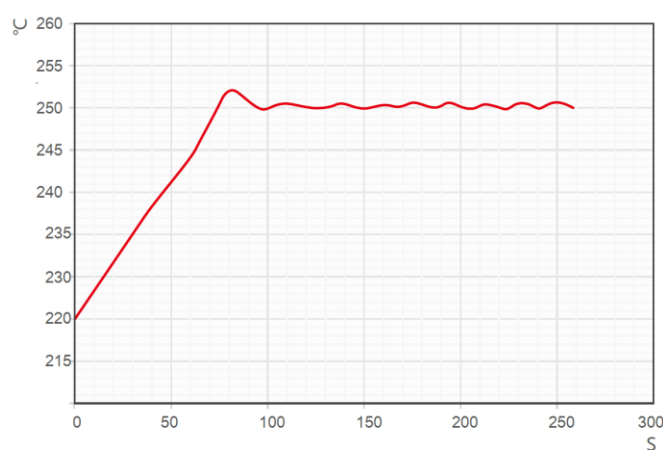
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Technical Specification:

Model	TL-200-HP1	TL-200-HP2	TL-200-HP3
Display Mode		LED	
Top Plate Temperature Range (℃)		50~300℃	
Solvent Temperature (Pt100 sensor)(℃)		40~300℃	
Temperature Stability (Pt100sensor)(℃)		±2℃	
Power (W)	680 W	1000W	1500W
Hot Plate Material		Aluminium coated with ceramic	
Top Plate Dimension (mm)	170X170	320 X 320	400 X 300
Dimensions (W x L in mm)	225X215X115	320X360X70	470X410X70
Input Power Supply		V220 AC, 50/60 Hz	

Data for TL-200-HP2 heating up the high-temperature oil from 50 to 150℃
(With external temperature sensor)

The surface temperature stability data for TL-200-HP2 (250℃)

Note: Above data is based on the 220V/50Hz instrument with pure water (H_2O) and simethicone (Silicon Oil).

Hot Plate Accessories

PT100 Temperature sensor

Order No.	Model	Description
PT100-01	PT100	Type I, -30~300℃ ;Length: 170 mm; Diameter: 4 mm; Material: Stainless steel;
PT100-02	PT100	Type II, -30~300℃ 'Length: 300 mm; Material: Stainless steel, Fig ⑥
PT100-03	PT100	Type III, -30~250℃ ; Length: 170 mm; Material: Stainless steel, PTFE coated, Fig ⑦
PT100-04	PT100	Type IV, -30~250℃ ;Length: 300 mm; Material: Stainless steel, PTFE coated
PT100-06	PT100	Type VI, -30~300℃ ; Length: 250 mm; Diameter: 4 mm; Material: Glass;, Fig ⑧

Holder for Temperature Sensor

Model	Description	Order No.
Holder and clamp for PT100 temperature sensor	Fixed temperature sensor	PT100-05
PT100-05: ①②③④⑤		
① Installation stand	M8x10x400mm	WH220017
② Boss head clamp	Aluminum	WH220026
③ Sensor holder	POM	WH220027
④ Holding rod	M8x8x200mm	WH220095
⑤ Clamp screws	M6x22x15mm	WH220096