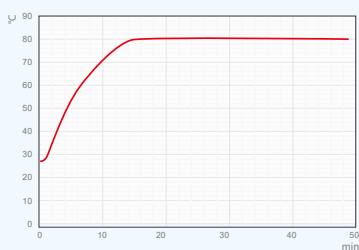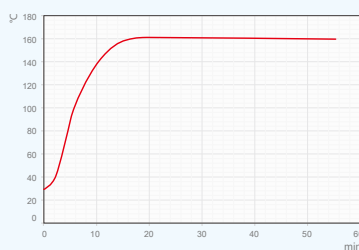The first address for laboratory hotplates

Infrared Hot Plate

> Smooth and corrosion resistant ceramic glass top plate
> Excellent transmittance of the infrared light
> Material can resist a thermal shock of up to 700℃
> Corrosion-resistant, solid casing which is hermetically sealed
> Fast heating and excellent temperature stability
> Temperature can be externally controlled by the connection of a Pt100 temperature sensor
> Large LCD screen displays the set and actual temperature
> A high-temperature indicator warns the user and prevents burning injuries
> Compressed air connector optionally available for the use of the hotplate in an aggressive environment
> Rod holder can be conveniently used to connect diverse accessories such as a temperature sensor
> Can be connected to an external temperature sensor for direct and precise temperature control

SLK2-T heating up 1L water up to 80℃ with external control mode in 15min

SLK2-T heating up 1L oil up to 160℃ with external control mode in 18min

SLK1-T / SLK2-T

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

Pt-100 sensor is not included in the standard delivery
For external temperature sensor
Please refer to Page 113

Specifications

Model	SLK1-T	SLK2-T
Order No.	W3032391	W3032392
Maximum temperature setting	550 [℃] / 24 steps	550 [℃] / 24 steps
Maximum temperature setting with E-sensor [℃]	300	300
Safety temperature [℃]	50~600 adjustable	50~600 adjustable
High temperature protection [℃]	10~50 adjustable	10~50 adjustable
Temperature stability with E-sensor [℃]*	±1	±1
Heat output [W]	1200	1800
External temperature sensor	Pt100	Pt100
PID parameter	3 sets	3 sets
Temperature and Speed display	LCD display	LCD display
Temperature and Speed setting	Turning knob	Turning knob
Time setting	1~1999min / continuous	1~1999min / continuous
IP code	IP21	IP21
Top plate material	Ceramic glass	Ceramic glass
Top plate dimensions [mm]	280×280	280×280
Heating zone [mm]	Ø190	Ø190
USB interface	Yes	Yes
Dimensions W x D x H [mm]	290x450x120	290x450x120
Weight [kg]	4.1	4.1
Power supply	220V/50Hz	220V/50Hz

*Measured with 500ml water at 80 ℃
Standard package includes: hot plate, thermocouple sensor PT100-01 with holder and clamp