SH-T200
Dual-block Thermal Cycler



Introduction

SH-T200 is a qualitative thermal cycler with dual blocks which are independent controlled, the advanced peltier technology brings accurate temperature control, and make the cycles reaches up to a million times. It' s an ideal thermal cycler for researches of life sciences in most labs.

Features

- Small footprint, compact design
- Two independent controlled blocks
- 3 high precise peltiers for each block
- Good temperature uniformity reduce edge effect
- New generation peltier technology, max heating up rate 6°C /sec
- 1024x768 pixel, 8 -inch color touch screen Automatically power failure recovery
- Gradient range 30°C

Product parameters

Model	SH-T200	Temperature display accuracy	0.1℃	Max. Cycles	99
Voltage	100~240V，50/60Hz	Gradient temperature range	30-105℃	Max. Steps	30
Tubes applied	0.2ml microtubes, 8 x 0.2ml tubes strips	Gradient Set Span	Max. 30℃	Power failure recovery	Yes
Temperature Control ways	Block/Tube	Gradient Temperature	⩽ ±0.3℃	Pause function	Yes
Block Temperature	4~105℃	Gradient Temperature Accuracy	⩽ ±0.3℃	16°C Temperature Holding Function	Infinite duration
Timer	1s~59min59sec/ (0 means infinite)	Numbers of Gradient	12	LCD display	Touch screen display
Capacity	Double 48×0.2ml	Heating Lid Temperature range	30℃ ~110℃	Operation system	Linux
Block Temperature Accuracy	⩽ ±0.2℃	Timer Increasing / Decreasing	-599s ~ 599s	Touch screen type	Capacitive
Block Temperature Uniformity	⩽ ±0.25℃	Temperature Increasing / Decreasing	-9.9℃ ~ 9.9℃	Communication port	USB2.0
Heating Up Rate (Max.)	6℃ /s	Touchdown PCR	Yes	Max. Power	800W
Cooling down Rate (Max.)	5℃ /s	Long PCR	Yes	Size (W×D×H)	400x260x228mm
Adjustable range of heating up/cooling down	0.1~6 ℃ /s	Programs stored	10000+	Net weight	9kg