

# T200 Dual-block Thermal Cycler

## ///Introduction

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.



• Operation interface



## ///Features

- Small footprint, compact design
- Two independent controlled blocks
- 3 high precise peltiers for each block
- Good temperature uniformity reduce edge effect
- Peltier based technology, max heating up rate 6°C /sec
- 1024x768 pixel, 8-inch color touch screen Automatically power failure recovery
- Gradient range 42°C

### Product parameters

Model	T200	Temperature display accuracy	0.1°C
Voltage	100~240V, 50/60Hz	Gradient temperature range	30-105°C
Tubes applied	0.2ml pcr tube, 8x0.2ml strip, 48-well plate	Gradient Set Span	0.1-42°C (on one block)
Temperature Control ways	Block/Tube	Gradient Temperature Uniformity	≤ ±0.3°C
Block Temperature	0~105°C	Gradient Temperature Accuracy	≤ ±0.3°C
Timer	1s~9:99:99 or 0 ( infinite duration)	Numbers of Gradient	vertical gradient across 8 rows
Capacity	Double 48 × 0.2ml	Heating Lid Temperature range	30°C ~110°C
Block Temperature Accuracy	≤ ±0.2°C	Timer Increasing / Decreasing	-599s ~ 599s
Block Temperature Uniformity	≤ ±0.25°C	Temperature Increasing / Decreasing	-9.9°C ~ 9.9°C
Heating Up Rate (Max.)	6°C /s	Touchdown PCR	Yes
Cooling down Rate (Max.)	5°C /s	Long PCR	Yes
Adjustable range of heating up/cooling down	0.1~6 °C /s	Programs stored	>10000
Max. Cycles	100	Operation system	Linux
Max. Steps	30	Touch screen type	Capacitive
Power failure recovery	Yes	Communication port	USB2.0
Pause function	Yes	Max. Power	900W
16°C Temperature Holding Function	Infinite duration	Size (W×D×H)	400x260x228mm
LCD display	Touch screen display	Net weight	9kg