

Gradient Nucleic Acid Thermal Cycler



Reasons to choose SCI Cycler

- ✓ **Multiple Functions**
Gradient PCR, dual temperature control methods (Tube/Block), Touchdown PCR, One-click DNA renaturation, slow cooling, uniform cooling rate, etc.
- ✓ **Press-cap Heated Lid**
Easy and ergonomic. 10-year warranty on the handle.
- ✓ **Large Memory**
Stores up to 18,000 programs. Unlimited programs on USB disks.
- ✓ **High-Resolution Touch Screen**
Intuitive graphic interface operable with gloves, allowing easy program editing, running, and saving.
- ✓ **Arc-shaped bottom of temperature control module**
Better fit the bottom of PCR tubes, ensuring rapid heat conduction for more accurate and uniform sample temperatures
- ✓ **Top-Quality Polycarbonate Shell**
Durable, non-yellowing, and resistant to deformation and cracking.



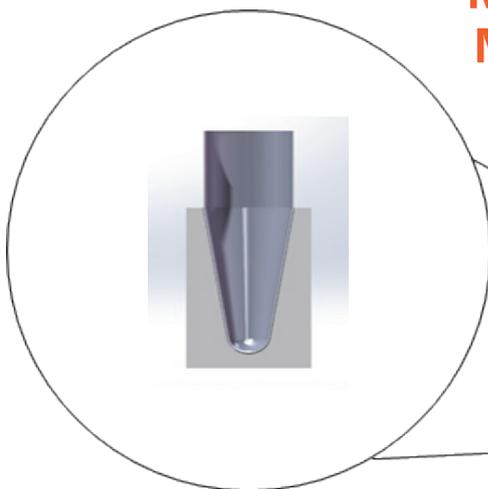
Product Specification

Sample Block Module	96×0.2ml, 96×0.1ml, 384-well Module, Plate Module
Screen	7" High-resolution capacitive touch screen
Gradient Functions	Range 30~99.9°C, Max. Difference 30°C, 12-column distribution
Thermal Functions	0~99.9°C, Max. Heating Rate 7°C/s, Max. Cooling Rate 5°C/s, Accuracy ≤ 0.1°C, Uniformity ≤ 0.2°C, Display Resolution 0.1°C, Adjustable Temperature Ramp
Heated Lid Functions	Adjustable 30~110°C, Auto Power-off (<30°C or program ends)
Programming Functions	Multi-user Password Login, Max. Program Storage 18000, Max. Steps 30, Max. Cycle No. 10000, Time Increment/Decrement 1~120s, Temperature Increment/Decrement 0.1~10°C, Power Failure Protection, Auto Pause, Program Running Report, Remote Control(optional)
USB Function	Unlimited programs on USB disks
Language	Chinese, English
Other Specifications	Voltage 85-265V, Power 550W, Size 26×41×24.5cm, Net Weight 7.3kg




Sample Tube Molded Well

More rapid heat conduction
More accurate and uniform





Interfaces

NEW PROTOCOL

Name Volume Lid

1	2	3	4	5	6	7
95.0 °C	95.0 °C	55.0 °C	72.0 °C	CYCLER	72.0 °C	12.0 °C
00:03:00	00:03:00	00:03:00	00:01:00	35 X	00:05:00	∞

Buttons: Back, Add, Delete, Options, Save, Run

Simple and clear. Temperatures can be adjusted by sliding up and down.

RENATURATION

Melting Temp: Melting Time:

Start Temp: Ending Temp: Running Time:

Holding Temp: Holding Time:

Lorem Ipsum

Lid Temp Volume

Buttons: Home, Run

One-click DNA renaturation with precise temperature control of gradual cooling from 95°C to 25°C within 12 hours, meeting experiment requirements for uniform slow cooling.



Credentials

Leading life science and molecular diagnostics into digital era

Shanghai Turtle Technology Co., Ltd.

Turtle Technology is dedicated to leading life sciences and molecular diagnostics into digital era. We have been granted the National Gene Testing Technology Application Demonstration Center and the nation's first Digital PCR Metrological Evaluation Certificate. We have introduced series of digital PCR systems, achieving full-chain technology innovations of genetic testing instruments, chip consumables, Ultra-Multiplex technology, and ultra-high specificity polymerase for molecular diagnostics.

Product Type	Model	Feature
Digital PCR Systems	 SCI Digital PRO	<ul style="list-style-type: none">◆ 4 in 1, fully automated & integrated◆ 6+1 fluorescence channels◆ 24 sample parallel processing◆ Dual independent PCR thermal modules◆ Ultra-Multiplex PCR quantification system
	 SCI Digital	<ul style="list-style-type: none">◆ 4 in 1, mini, fully automated & integrated◆ 2/3/4/5 fluorescence channels◆ NMPA registered◆ CE certified
	 BioRuler	<ul style="list-style-type: none">◆ 4 in 1, mini, fully automated & integrated◆ Designed for accurate quantification◆ Upgradable to 2/3/4/5 fluorescence channels◆ Highly cost-effective: CNY 149,000

Shanghai Turtle Technology Co., Ltd.

- ◆ 4/F, Bldg 2, 69 Yuan Feng Road, Shanghai, China
- ◆ +86-21-36583658
- ◆ +86-18001988905
- ◆ contact@turtle-tech.cn
- ◆ www.turtle-tech.com.cn



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