

Thermal Cycler for PCR

CE



TC-Touch-9000

TC-Touch-9000 Gradient PCR Thermal Cycler

Adopt the Windows CE operation system to ensure the realization of intelligent instrument. with more than 100 self-diagnostic functions.

TC-Touch-9000 achieve the network connection independently, users can visit our official website download center to update version, which discard the complex operations and inconvenience of the traditional program updating. Through the help of remote control software. can finish the maintenance, diagnosis and data exchange of PCR machine, which greatly improve the working efficiency.

TC-Touch-9000 support mouse and touch screen operation, support external U disk, which break the traditional push-button operation, make the programming and operation more convenient, discard the intricacy bring from viewing heavy manual.

Take the lead of introducing Internet notion into the industry realm. With a new generation of information technology. Internet-based, to achieve the network extension and expansion.

Take a PC as a host computer, can link up to as more as 200 PCR instruments (Smart gradient PCR thermal cycler 9000). Through information exchange and communication in order to achieve real-time monitoring, operation and management of multiple 9000. and the printing function in any state.

CE



Smart Cyclor-9600

Smart Cyclor-9600 PCR Thermal Cycler

Convenient and flexible module replacement mode sealed sample design for low temperature preservation, clean and dry.

Two stage hot lid pressure regulator, ensures good sealing performance.

Gold plated or silver plated module improves the efficiency of heat conduction, makes the experiment more effective.

Large size and color super high definition LCD screen.

Intuitive and user friendly interface, makes programming quick and easy.

Infinitely adjustable lid knob, suitable for various tube types.

Memory function in case of power down.

Low noise, low energy consumption, long application life.

Heated lid could be stopped at any angle. Metal material lid, more reliable and safe.

Harddisk and mouse can be linked. Linked with PC for it's multiple control

Windows operating system. Convenient, free charge program upgraded.

Long distance trouble judgment achieve circulation nesting.



CE



T-Cyclor-9000K

T-Cyclor 9000K Gradient PCR Thermal Cycler

Convenient and flexible module replacement mode.

Large size super-high-definition LCD screen.

Intuitive, friendly user interface makes program easier and faster.

Memory function in case of power down.

Low noise, low energy consumption, long application life.

Solemn, elegant appearance, innovative model.

Unique rotating stall heat regulating function.

Optimal panel design for human, more convenient operation.

Heated lid could be stopped at any angle.

Handle module, more secure and convenient module replacement, improving using efficiency and expanding using years.



CE



T-Cyclor-6000

T-Cyclor-6000 PCR Thermal Cycler

Adjustable pressure hot lid, to prevent volatilizing and dewing.

Hot lid with pressure alarm device, to prevent damaging test tube from too much pressure.

Convenient and flexible module replacement mode.

Innovative module wire socket design achieves module replacement without wire.

The unique separate design of amplification and operating area makes users safer and more convenient.



CE



Small Cyclor-1600

Small Cyclor-1600 Mini PCR Thermal Cycler

It is small-size and easy to program with an intuitive user interface.

The lid adopts the high temperature resistant material and applicable to various types of test tube.

Memory function in case of power-down.

PC and K160 can be separately controlled through the PC operating software.

It is benefit for students to understand with the animation presentation capabilities of the PC operating software.

Achieve circulation nesting.



Thermal Cycler for PCR



TC-Touch-9000



Smart Cycler-9600

Thermal cycler PCR is used to amplify DNA segments via polymerase chain reaction. Nowadays Thermal cycler PCR - is basic need of genetics , microbiology , molecular biology laboratories- is used in most variety field such as qualitative - quantitative analysis, genetic disease or virus or pathogen detection, SNP- Gene expression studies.



T-Cycler-9000K



Small Cycler-1600



T-Cycler-6000

Technical Specifications;

Model	TC-Touch-9000	Smart Cycler-9600	T-Cycler-9000K	T-Cycler-6000	Small Cycler-1600
Block Formats		96 x 0.2ml (A) 54 x 0.5ml (B) 96 x 0.2ml + 77 x 0.5ml (C) 384 Well (D) 64 x 0.2ml (A)		64 x 0.2ml (A) 36 x 0.5ml (B)	30 x 0.2ml (A) 9 x 0.5ml (B) 19x0.2ml + 9x0.5ml (C)
Temperature Range	0°C - 99.9°C	0°C - 99.9°C	0°C - 99.9°C	4°C - 99.9°C	0°C - 99.9°C
Display Interface	7 inch LCD	5.7 inch LCD	5.7 inch LCD	4.3 inch LCD	12864 LCD
Max. Heating Ramp Rate	5.0°C/s	4.5°C/s	4.0°C/s	2.5°C/s	2.0°C/s
Max. Cooling Ramp Rate	5.0°C/s	4.0°C/s	3.5°C/s	2.5°C/s	2.0°C/s
Heating / Cooling					
Adjustable Rate	0.1°C/s - 4.0°C/s	0.1°C/s - 4.0°C/s	0.1°C/s - 4.0°C/s	N/A	0.1°C/s - 4.0°C/s
Uniformity	≤±0.2°C	≤±0.2°C	≤±0.2°C (20 - 75°C)	N/A	≤±0.3°C (20 - 75°C)
Accuracy	≤±0.1°C	≤±0.1°C	≤±0.2°C	≤±0.2°C	≤±0.2°C
Gradient Temp. Range	30 - 99°C	30 - 99°C	30 - 99°C	N/A	N/A
Thermal Gradient Span	1 - 30°C	1 - 30°C	1 - 30°C	N/A	N/A
Gradient Uniformity		≤0.2°C (Single Row)		N/A	N/A
Hot Lid Temperature	20 - 110°C	20 - 110°C	30 - 115°C	N/A	N/A
Temp. Control Mode	Block, Tube*	Block, Tube*	Block, Tube	Block	Block
Memory Capacity	2000**	1000**	200	9	3
Max. Number of Cycle	999	999	99	99	99
Communication	USB 2.0 / RS232 / RJ45	USB 2.0 / RS232 / RJ45	USB 2.0 / RS232	N/A	Serial Port
Intelligent Diagnosis	108	108	N/A	N/A	N/A
Dimensions (WxDxH)(mm)	380x270x250	380x270x250	380x270x250	370x260x290	160x140x120
Weight (Kg)	8.1	7.8	7.2	4.9	2.2