



Biometrics
Quality of life



FastGene 32 TOUCH

Mini Fast PCR Thermal Cycler



Seven kinds of gear
output voltage



Safe Lid



Time setting

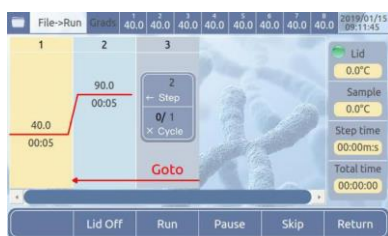
FastGene 32 TOUCH is an ultra-light ultra-thin fast gradient thermal cycler gene amplification instrument with 32-wells block. Using 5-inches TFT high-definition true color full touch LCD screen, the whole program display in real time with curve graph, parameter modification intuitive and convenient. Using the latest generation of semiconductor heat pump technology, excellent temperature accuracy and uniformity and have extremely high temperature change speed, to ensure high-quality experimental results.

FastGene 32 TOUCH

Mini Fast PCR Thermal Cycler

FEATURE

- The latest generation of semiconductor technology, excellent augmentation performance, effectively eliminate the edge effect of module heat conduction, the module temperature uniformity is excellent. Built-in four-way refrigeration film, four sensors are evenly distributed, the program temperature control is more precise.
- Excellent temperature rising rate up to 7°C/s and cooling rate up to 6°C/s
- The bottom case is made of one-piece aluminum, which is not only beautiful and sturdy, but also has a higher heat dissipation performance.
- 5 inches TFT high-definition full-touch color screen, can quickly edit the required files, visual display of temperature curve, convenient and fast setting, accurate display of temperature curve and instrument running process status in real time.
- The system has a built-in gradient calculator, which can easily obtain accurate annealing temperature for different experimental samples to optimize PCR reaction conditions.
- User login, rights management, password protection, data security, administrators can clear users, large data storage, the maximum number of files that can be stored in the machine is greater than 100.
- The ingenious elastic hot cover structure design, ADAPTS to the different height test tube, guarantees the best conditions for the test.
- Real-time display of gradient temperature distribution, real-time temperature display, more conducive to controlling the sample temperature.
- The hot lid temperature and working mode can be set, hot lid can be switched on and off, and test tube temperature control mode and module temperature control mode can be chosen to meet more different experimental requirements.



SPECIFICATION

Model	FastGene 32 TOUCH
Temperature Range	4-99.9°C
Sample Capacity	32 x 0.2ml
Max. Heating Rate	7°C/s
Max. Cooling Rate	6°C/s
Temperature Uniformity	±0.25°C
Temperature Accuracy	±0.20°C
Temperature Display Resolution	0.1°C
Temperature Control Method	Block/Tube
Gradient Temperature Uniformity	±0.3°C
Gradient Temperature Accuracy	±0.3°C
Gradient Temperature Range	30-99.9°C
Gradient Temperature different range	0.1-30°C

Hot Lid Temperature Range	30-105°C
Max. steps of the program	30
Program max. cycle number	99
Program pause function	Yes
LCD	5-inches, 800 x 480 Pixel
Communication Interface	USB2.0
Input power	24V, 8A
Dimensions (W x D x H)	200 x 230 x 85mm
Net weight	3.2 Kg



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