

Bring Technology to Life



# Genesy 96T

## PCR Thermal Cycler

Ultimate performance to meet your diverse needs

The PCR thermal cycler Genesy 96T from Tianlong is easy to operate with a 7-inch color LCD touch screen. By taking advantage of its excellent thermal block, Genesy brings you homogeneous and accurate temperatures, rapidly and precisely controlled ramp rates, and fast and reproducible PCR cycles. The programming of Genesy is also remarkably simple and intuitive. Thanks to all these advantages, Genesy is your ideal equipment for PCR.



### 7-inch touch screen operation

With 7-inch LCD touch screen, Genesy can function quickly through simple, one-touch commands. Compact design with small footprint, it is also easy to move.

### Gradient temperature control

Genesy block features remarkable gradient technology to ensure ramp rates are identical in both gradient and normal modes. Optimized perform assay crosses a maximal 40°C range via 12 gradient.

### Intuitive software design

Intuitive software design and friendly interface make it simple even for first time users. Specialized user training is not required.


### Flexible to share experiment protocols

1000 experiment protocols can be saved in Genesy. Protocols can also share easily between different Genesys via USB flash disk. Personal protocols can be saved in your USB flash disk to quickly set up your own experiment on any Genesys.

### Power failure protection design

Unique power-off protection function can save all the set configurations after power-off, and allow the experiment continues when power-on.

## SPECIFICATIONS

Model	Genesy		
Reaction volume	0-100µL		
Throughput	96		
Compatible consumables	 0.2mL single tube	 0.2mL 8 strip tubes	 0.2mL 96-well plate (skirted, semi-skirted, unskirted)
Temperature control range of the block	4°C-99°C		
Temperature control mode	Tube mode & Block mode		
Heating technology of the block	Peltier		
Gradient block	12 row		
Gradient interval range	1°C-40°C		
Gradient temperature range	35.5°C-99.5°C		
Lid temperature range	40-110°C		
Uniformity of thermo control	±0.2°C		
Accuracy of thermo control	±0.1°C		
Max Heating Rate	≥3.5°C/s		
Max Cooling Rate	≥ 2.5°C/s		
Interfaces	USB, Ethernet		
Dimensions(W*D*H)	260mm*400mm*260mm		
Weight	11Kg		
Power supply	AC 100-240V, 50-60Hz		
Max. Power consumption	600VA		
Running noise	<55dB		

## FEATURES

Version 6.0

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