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GeneQ thermal cycler gathers the superior performances, compact structure, a friendly user interface, and reliable results in one machine. Especially in the cooling and heating speed, Temp. control accuracy, and uniformity of the block, GeneQ has its outstanding performance.

### More outstanding performance for Blocks

- ▶ Faster:  $\geq 5$  °C/s maximum heating rate
- ▶ More accurate:  $\leq \pm 0.3$  °C block temp. accuracy
- ▶ More uniform:  $\leq \pm 0.3$  °C block temp. uniformity

### Add hot-lid adjustment function

Hotlid temperature and pressure are both adjustable. Simple operation can meet different needs in experiments.

### Super software performance

- ▶ 320 × 240 dot matrix LCD screen, graph display settings and real-time monitoring, clear interface.
- ▶ Sections or steps setting can be set up to meet the requirements of complex setting requirement
- ▶ Cooling and heating speed can be set up, and the temperature and time can be automatically modified to meet the special PCR setting.
- ▶ 100 programs storage to meet the multiple users' operation.
- ▶ The BLOCK mode and TUBE mode can be chosen.



※ Fast and easy change the sample blocks from 24x0.2ml into 18x0.5ml without need to change the hotlid.



Name	GeneQ	
	TC-24/H(B)	TC-18/H(B)
Sample Capacity	24 × 0.2ml 8-strip 24-microplate	18 × 0.5ml
Temp. Range	4~99.9 °C	
Heating Rate (Max.)	$\geq 5$ °C/sec	$\geq 4$ °C/sec
Cooling Rate (Max.)	$\geq 4$ °C/sec	$\geq 3$ °C/sec
Block Temp. Uniformity	$\leq \pm 0.3$ °C	
Block Temp. Accuracy	$\leq \pm 0.3$ °C	
Temp. of Hot Lid	30~110 °C	
Ajustability of Hot Lid Press	Yes	
Temp. Control Mode	Block or Tube	
Display	320 × 240 LCD	
Graph Display	Yes	
Program Storage	100 files	
Max. Segments	5	
Max. Program Steps	16	
Max. Cycles	99	
Power Supply	AC220V 50Hz 200VA	
Size (mm)	297 × 212 × 200(L × W × H)	
Net Weight	3.2kg	
Interfaces	RS232	

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