



GeneQ



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: ≥ 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

Hot-lid temperature and pressure are both adjustable. Simple operation can meet different needs in experiments.

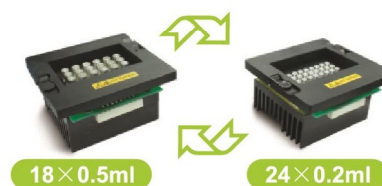
Super software performance

- 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.



- TC-18/H(b)
- TC-24/H(b)

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



8-strip / 24-microplate

Name	GeneQ	
	TC-24/H(b)	TC-18/H(b)
Model	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.)	≥ 5 °C/sec	≥ 4 °C/sec
Cooling Rate (Max.)	≥ 4 °C/sec	≥ 3 °C/sec
Block Temp. Uniformity	$\leq \pm 0.2$ °C	
Block Temp. Accuracy	$\leq \pm 0.2$ °C	
Temp. of Hot-Lid	30~110°C	
Adjustable Of Hot-lid Press	Yes	
Temp. Control Mode	Block or Tube	
Display	320×240 LCD, 3.8 inch	
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	
Certificates	Ferrotec Peltier / MET / CE / RoHS	