PCR / Gradient PCR Touch Screen

This series product adopts 8 pieces custom-made US Marlow peltier, Max. ramping rate $5°C$, cycle times >600000. More advanced technologies applied on the product: Windows operating system; color touch-screen; double blocks can run independently; replaceable block; control by PC function; print function; extra large data storage and USB interfaces. All the above functions make it demand high need experiments.

Key Features : 1). Each thermal block has 4 independent temperature control sensors and 8 peltier heating units to ensure accurate and uniform temperature across block surface, and provide users with replicating previous condition set-up.
2). 8" TFT color touch-screen with graphical display provides easy use for setting up and monitoring.
3). The actual and target temperatures can be viewed and displayed graphically in real time.
4). Built-in 11 standard program file template, can quickly edit the required files.
5). Internal flash memory for 10000 typical PCR files in free configurable folders. 6). Automatic restart after power failure.

Model	GE3961T/3602T/3485T/ 3483T/3384T General	GE3961G/3602G/3485G/ 3483G/3384G Gradient
Capacity	96×0.2ml , 60×0.5ml , Double 48×0.2ml , 48×0.2ml+30×0.5ml,384well , In-situ Plate	
Temperature Range	0～100°C	
Max. Heating Rate	5°C/s	
Max. Cooling Rate	4°C/s	
Uniformity	≤±0.2°C	
Accuracy	≤±0.1°C	
Display Resolution	0.1°C	
Temperature Control	Block\Tube	
Ramping Rate Adjustable	0.1～5°C	
Gradient Uniformity	/	≤±0.2°C
Gradient Accuracy	/	≤±0.2°C
Gradient Temp. Range	/	30～100°C
Gradient Spread	/	1～30°C
Hot Lid Temperature	30～110°C	
Hot Lid Height Adjustable	Stepless Adjustable	
Number of Programs	10000 +(USB FLASH)	
Max. No. of Step	30	
Max. No. of Cycle	99	
Time Increment/Decrement	1 Sec ～ 9 Min 59 Sec	
Temp. Increment/Decrement	0.1～9.9°C	
Pause Function	Yes	
Auto Data Protection	Yes	
Hold at 4°C	Forever	
Print	Yes	
LAN to computer	Yes	
LCD	8inch，800×600 Pixels, TFT	
Communication	USB2.0 , LAN	
Dimensions	380mm×240mm×260mm (L×W×H)	
Weight	8.5kg	
Power Supply	85～264VAC , 47～63Hz , 600W	