Thermal Cycler

Introduction:

The Thermal Cycler is an instrument that performs nucleic acid amplification by polymerase chain reaction.
Mainly used in medical institutions, clinical gene amplification testing laboratories that meet the requirements, scientific research institutes, universities, etc.



TEC01



TEC03

Features:

①. Reliable performance of heating and cooling elements, high-performance temperature control system.
②. High-performance digital signal processor for precise temperature control
③. Excellent temperature uniformity.
④. Rapid heating and cooling.
⑤. Color touch panel, easy to operate.
⑥. Support large-capacity program storage.

Parameters:

Model	TEC01	TEC03
Capacity	96	3*32
Reaction Volume	10~200μl	
Tube Type	96*0.2ml PCR plate; 8*0.2ml PCR tube; 0.2ml single PCR tube	8*0.2ml PCR tube; 0.2ml single PCR tube
Block Temperature Range	4~105℃	
Heat Lid Temperature Range	30~110℃	
Max Heating Rate	4.0℃/s	7.7℃/s
Max Cooling Rate	3℃/s	4.6℃/s
Display Resolution	0.1℃	
Temperature Accuracy	±0.3℃	±0.3℃
Temperature Uniformity	±0.3℃	±0.3℃
Block Material	Aluminum	
Gradient Range	30~99℃	30~105℃
Temperature Differential Range	1~42℃	1~25℃
Program	A single program can be up to 30 steps, 99 cycles	A single program can be up to 99+ steps, 120 cycles
Display	7" LCD	10.1" LCD
Power Supply	AC110V~220V, 50/60Hz	
External Size(W*D*H)	398*280*257mm	445*340*240mm
Net Weight	13kg	16kg
Package Size(W*D*H)	495*380*380mm	560*450*440mm
Gross Weight	19kg	29kg

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