



PCR Thermal Cycler



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Darsun Scientific

PCR Thermal Cycler



Standard / Gradient

The thermal cycler is basic instrument in molecular laboratories and is mainly used for gene amplification In scientific research and clinical area, qualitative PCR gene amplification, gene chip or other gene analysis applications. The gradient thermal cycler has gradient function, which can quickly Increase and decrease the temperature. It can achieve temperature uniformity In a single process and can quickly and stably complete polymerase chain reaction (PCR) experiments.

Specification

1. Portable and compact design
2. Elastic structure hot lid design, adaptable to 96-well micro plate or 0.1/0.2ml PCR tube Using high-quality petteer, ensure excellent temperature uniformity.
3. The heating and cooling rate can reach to 5.5°C/s, saving experimental time
4. Humanized standard program file template, which can quickly edit experimental files Automatic fault detection and alarm function



Elastic hot lid
prevents reagents from
evaporating



Color touch screen
friendly user interface,
simple programming, can
quickly check working status



Excellent cooling system
efficient heat dissipation,
fast heating and cooling
speed



good temp
uniformity between
the wells



precise petteer
temp control
technology

Feature	Model DS96S	Model DS96G
Temp mode	Standard	Gradient
Power (KW)	1.4	2
Sample capacity	96x0.1 / 0.2ml PCR tube / 96-wells microplate	
Block temp control range	4 ~ 105°C	
Hot lid temp control range	30 ~ 110°C	
Temp display accuracy	±0.1°C	
Temp control accuracy	±0.3°C	
Temp uniformity	±0.3°C	
Display 1	double rows digital tube display	
Max temp change rate	5.5°C/s	
Gradient setting range	/	30 ~ 105°C
Gradient span	/	1 ~ 42°C
Heating module material	Aviation aluminum	
Display 2	7-inch color touch screen	
User defined file storage	676 Files	
Power outage protection	Yes	
Dimension	L270 x W240 x H150mm	
Weight	4.8kg	
Power supply	100 ~ 240V; 50/60HZ	