

01-700X Gradient Thermocycler

Thermocyclers are widely used in molecular biology, clinical diagnosis, criminal investigation, and infectious disease research, among other fields. They are essential laboratory equipment for researchers who run polymerase chain reactions (PCR) for sequencing, cloning, genotyping, mutagenesis, and many other applications. 01-7000 has a gradient function that enables setting different temperature ranges for different parts of the same heating block, making it easy to identify optimal annealing temperatures in a single run.

Features

- Thermal gradient: program different temperatures across different areas of the heating block
- Excellent temperature control system
- Fast heating and cooling rate
- Consistent and uniform sealing across entire heating block
- Intuitive touch-screen user interface



Specifications

Catalogue No.	01-700X
Sample Capacity	0.2mL PCR tubes×96, 0.2mL 8-strip PCR tubes, or 96 well PCR plate
Heating Temperature Range [°C]	4-99
Lid Temperature Range [°C]	50-110
Temperature Display Accuracy [°C]	0.1
Temperature Accuracy [°C @ 55°C]	± 0.3
Temperature Uniformity [°C @ 55°C]	< 0.3
Max. Heating/Cooling Rate [°C/s]	3
Gradient Temperature [°C]	Yes
Gradient Temperature Range [°C]	30-99
Gradient Range [°C]	1-42
Display	7" LCD
Touch Operation	Yes
Power-off Protection	Yes
Power Supply	100-120V/200-240V, 50/60Hz

