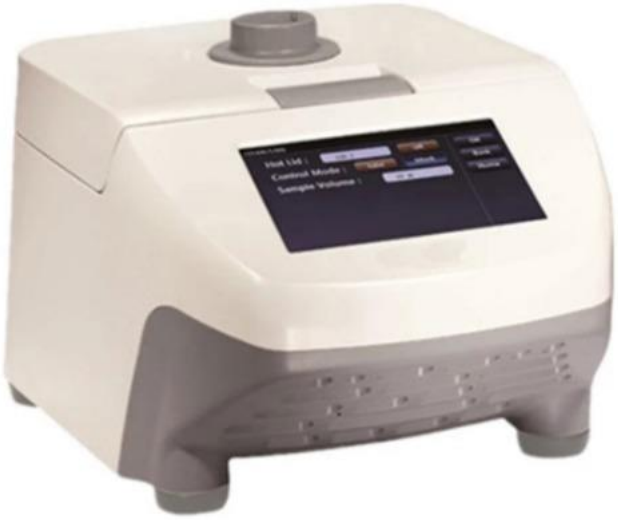
INOVIALAB
TECHNOLOGY

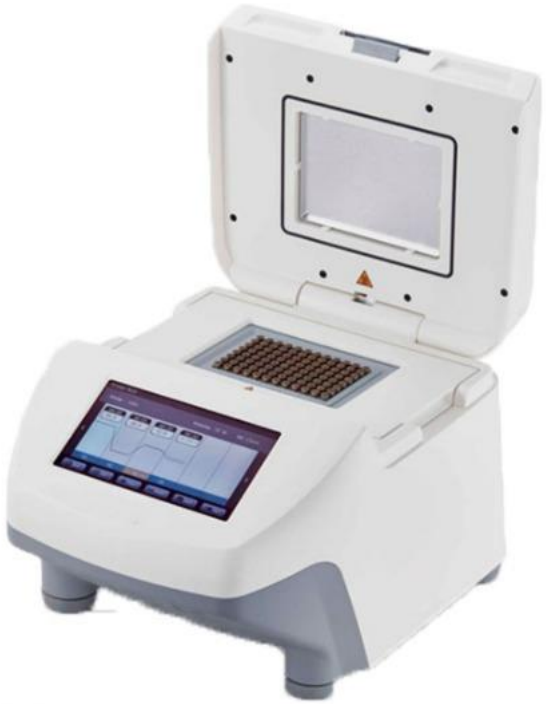
XG-1000G Thermal Cycler

Elegant design, excellent preclsion and accurate, reproducible results and precise PCR optlmizalion

High performance with advanced thermal gradient technology, state-of-the-art electronics, precision peltier device and flexible user interface

The XG-1000G is an essential laboratory instrument for Molecular Biology with applications such as sequencing, gene cloning, gene expression, mutagensis, and it is also used in areas such as drufl discovery, agriculture, food industry, etc.





Technical Specifications ;

Model	XG-1000G
Sample Capacity	96X0.2mL PCR tube, 8X12 PCR plate 96 well plate
Heating Temperature Range	+5-105 °C
Lid Temperature Range	30-110 °C
Temperature Display Accuracy	±0.1 ℃
Max. Heating/Cooling Rate	5-C/Sec
Adapter Block Material	Aluminum
Display	7" LCD 800x480
Input	Touch Panel
Gradient Temp. Settings Range	30-99 °C
Gradient Range	1-42 °C
User defined file system	Max. 30 segments 99 cycles max.16 folder and16 files each folder
Power off protection	Available
Power Supply	100-120V/200-240V, 50-60Hz
Dimensions (WxDxH)	280x370x250 mm
Weight	11 Kg

Features;

- High performance Peltier and Independent heating segments improving temperature control
- Auxiliary heating rnechanism diminishes the "edge effect" and enhance the temperature uniformity
- Wide touchdown PCR temperature range (-9.9 °C-+9.9"C) and Long PCR
time range (-9mln 59s-+9mln 59s)
- Gradient temperature setting optimizes temperature easily In the single run
- Color touch screen with user friendly Interface helps to edit programs easily