







# INNOMET<sup>M</sup> PCR

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# INNOMET<sup>™</sup> PCR

Instrument For Efficient DNA Amplification

The INNOMET™ PCR is a biomedical device designed for high-efficiency amplification of DNA fragments. It features precise temperature control, enabling accurate and timely temperature cycling, which greatly enhances DNA amplification efficiency.

### Product Features

Efficient DNA amplification based on a 96-well PCR plate;

Rapid Experiment

Amplification completed within 2 hours;

Temperature Control

Ultra High Throughput

Uniform and precise temperature control;

Heating and Cooling

Fast temperature rise and fall, low noise, and long instrument lifespan;

Intelligent Management

Automated control and monitoring, displaying reaction progress and recording experimental data;

User-Friendly Operation

Simple UI interface for easy operation, sample loading, and testing;

Stable Performance

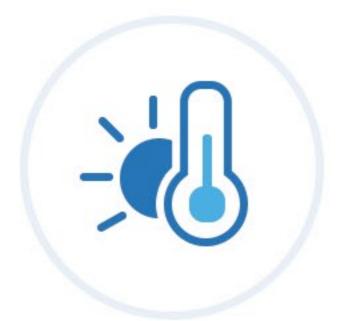
Long insulation time provides sufficient heat retention for experiments and records the entire process of program execution, offering accurate data support for experimental results.

# Application Scenarios

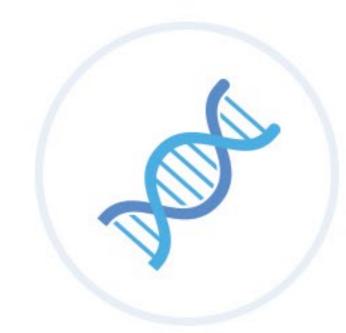




Molecular biology research



environmental monitoring



gene testing analysis



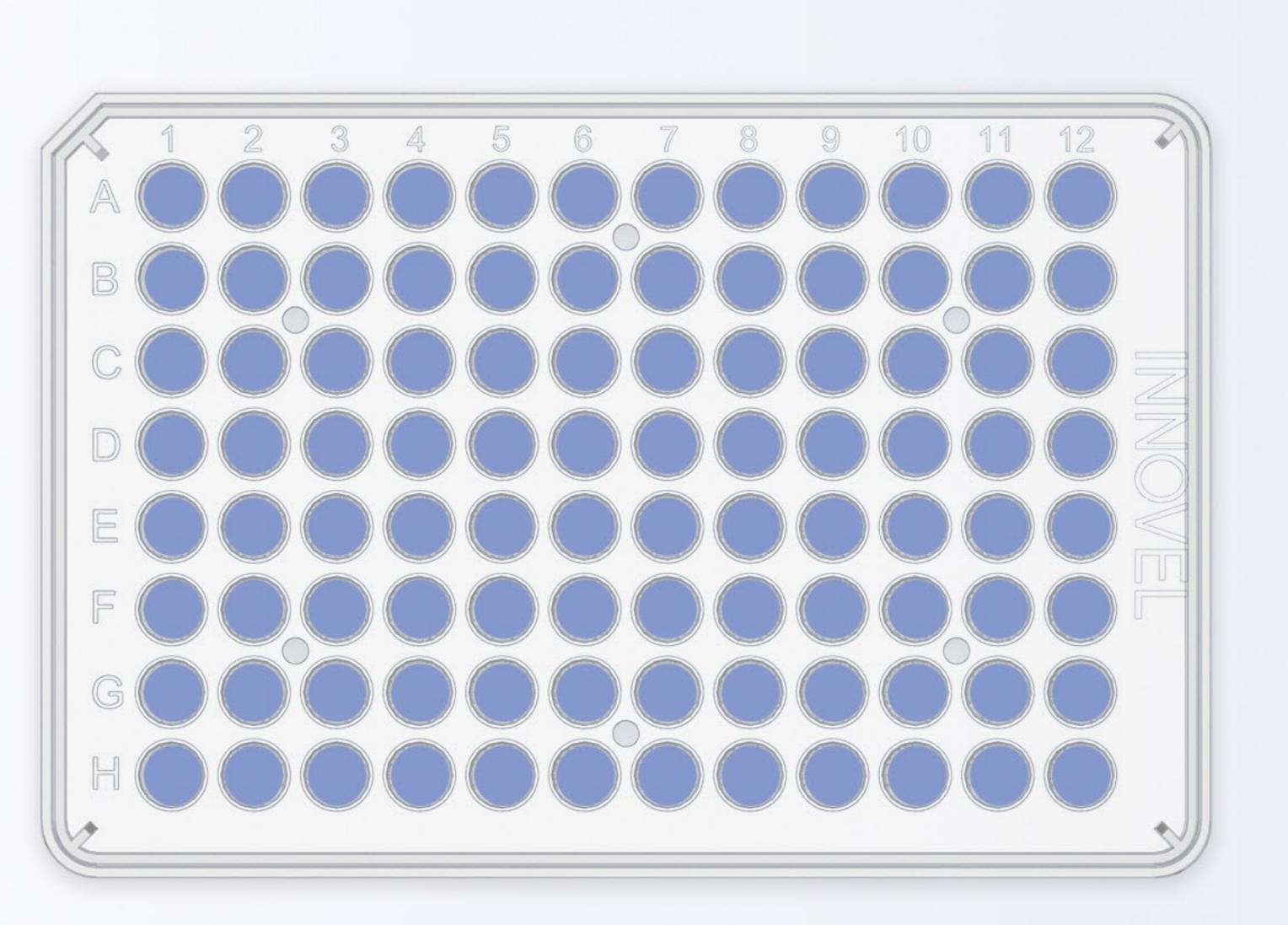
pharmaceutical development

### Consumables



#### 96-Well PCR Plate

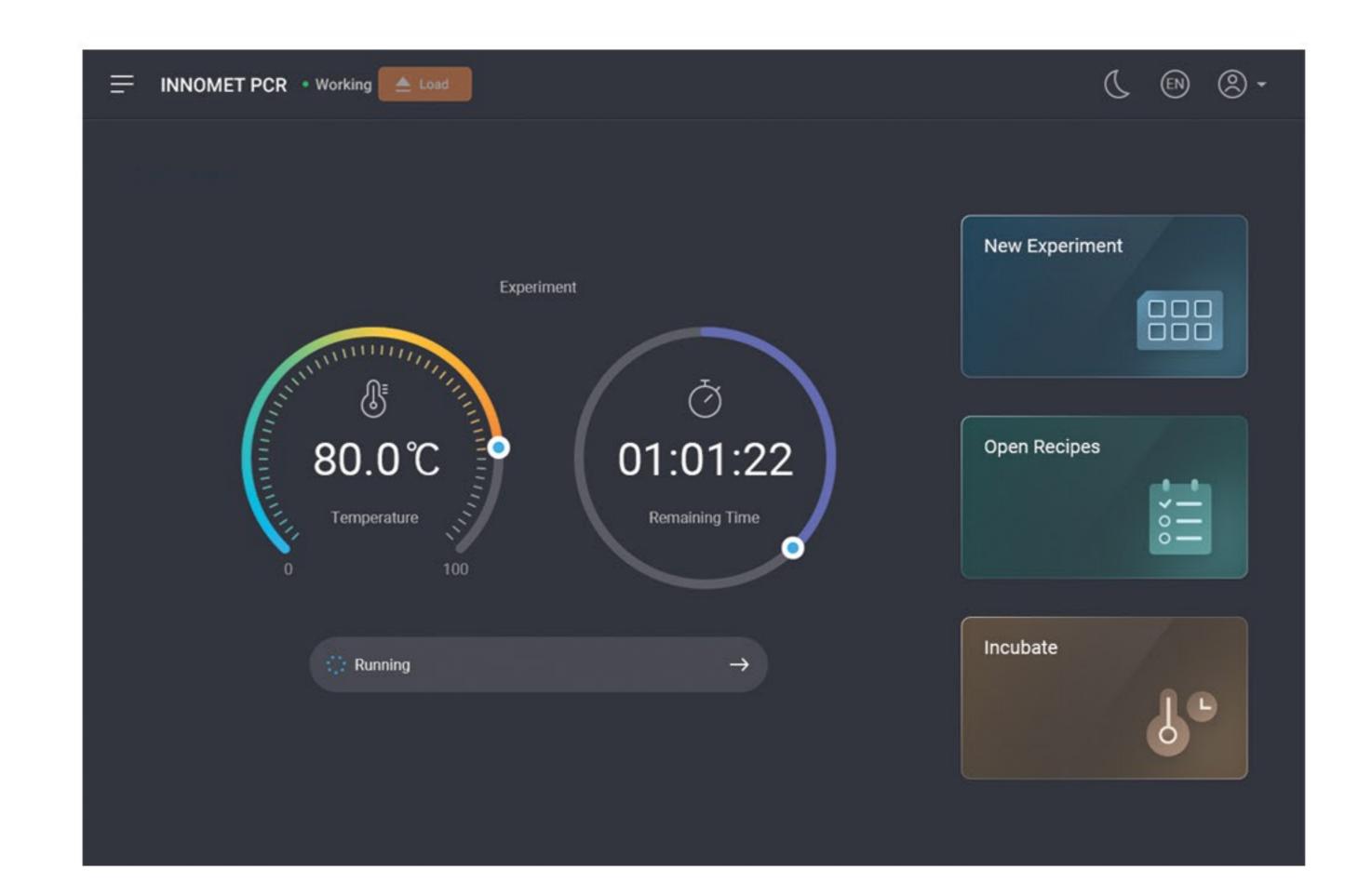
- Uniform heat transfer through the tube walls promotes sample stability and effective amplification;
- Features angled corners for easy orientation identification;
- Raised edge design at the tube opening ensures effective sealing;
- ANSI compliant, suitable for multi-channel pipetting;
- Sterile, DNase-free, RNase-free, and free of pyrogens.

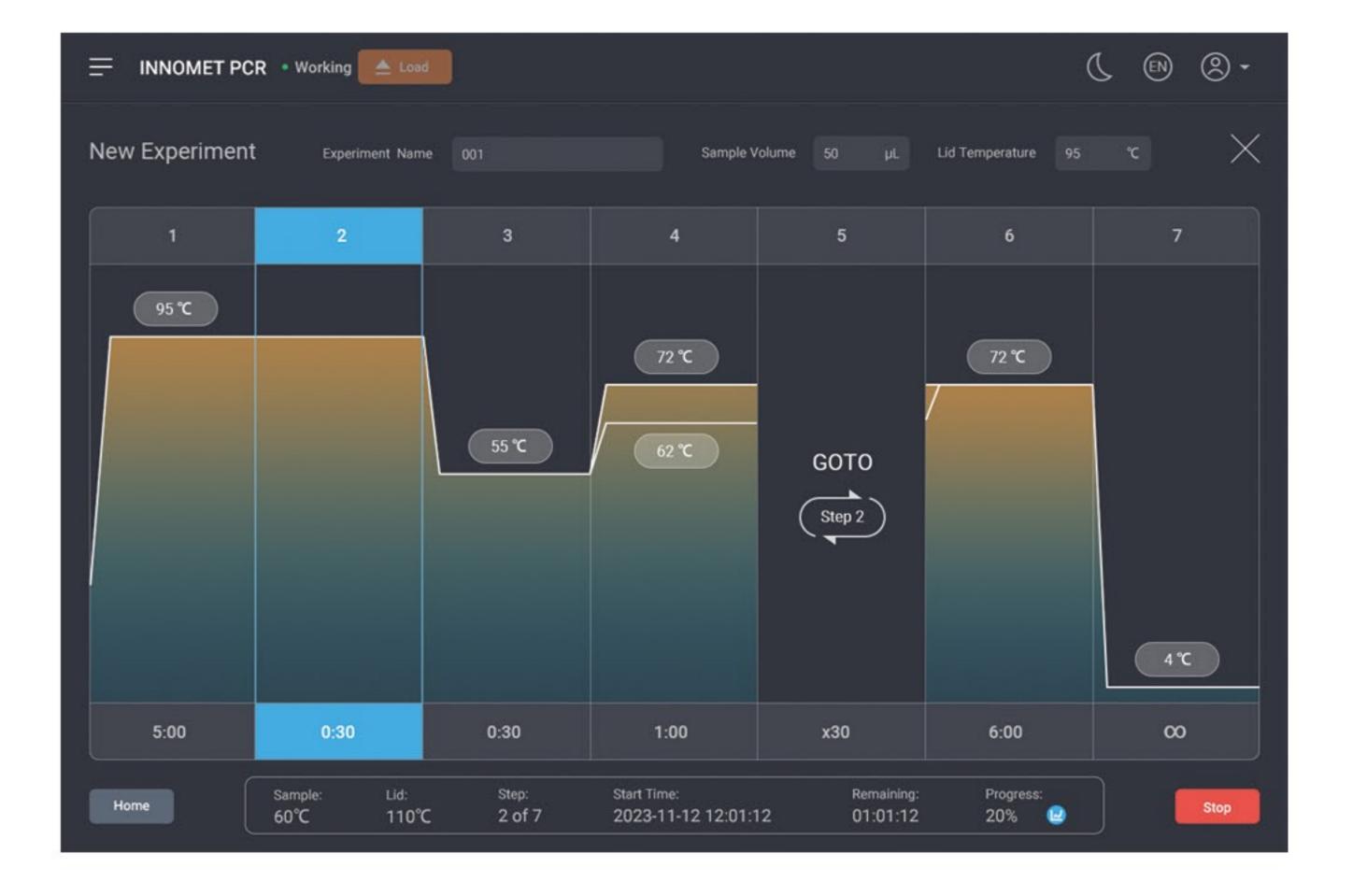


#### User Interface



Supports a dual theme switch between dark and light modes. The design of icons and buttons is simple and clear, allowing users to quickly understand and use various functions.





# Specifications

Dimensions (L x W x H)	350mm * 260mm * 210mm	Maximum Power	600W
Applicable Module	96-Well PCR plate	System Power Supply	220V, 50/60HZ, Power≤10KW
Equipment Weight	12KG	Working Temperature	22℃~28℃
Temperature Control	0~105°C	Working Humidity	25%~70%
Heating and Cooling Rate	Maximum2°C/s	Temperature Control Management	Layered design, excellent insulation
Temperature Accuracy	<pre>&lt; ± 0.25℃ (35℃~105℃)</pre> < ± 2℃ (0℃~35℃)	Experimental History	Supports displaying historical experiment information
Temperature Uniformity	0.5℃~0.6℃	Audit Trail	Supported