

Digital hot plate



Fast, stable and uniform flame-free heating for laboratory glassware and containers, with digital PID control up to 300°C.

Key features

- Digital PID temperature controller for precise temperature regulation
- Fast heating with excellent temperature stability
- Uniform heat distribution across the entire heating surface
- Heavy-duty steel heating plate with durable granite coating
- Scratch-resistant and corrosion-resistant surface
- Easy-to-clean heating surface
- Built-in over-temperature protection for safe operation
- Rugged industrial construction for continuous laboratory use
- Compact, reliable, and maintenance-friendly design
- Manufactured in Egypt with local technical support and after-sales service

Applications

- Chemical laboratories
- Pharmaceutical laboratories
- Medical laboratories
- Universities and educational laboratories
- Research and development centers
- Industrial quality control laboratories
- Sample preparation
- Heating laboratory glassware



- General laboratory heating applications

Advantages

- Accurate digital temperature control
- Rapid heating performance
- Excellent temperature stability
- Durable granite-coated heating surface
- Reliable operation for continuous use
- Easy maintenance
- Industrial-grade construction
- High-quality local manufacturing

Safety features

- Over-temperature protection
- Stable heating control using PID technology
- Heavy-duty insulated housing
- Heat-resistant industrial components
- Non-slip rubber feet for improved stability

Standard accessories

- Power cable
- User manual
- Quality inspection certificate

LabX Tech statement

At LabX Tech, we develop advanced laboratory heating solutions that combine precision, reliability, and durability, supporting laboratories with efficient thermal control systems designed for professional scientific applications.

Models and specifications

Specification	LHP-20	LHP-30
Heating surface (mm)	200 × 200	300 × 300
Maximum temperature (°C)	300	300
Temperature range	Ambient to 300°C	Ambient to 300°C
Temperature accuracy	±2°C	±2°C
Controller	Digital PID controller with LED display	Digital PID controller with LED display
Heating surface material	Heavy-duty steel plate with high-temperature granite coating	Heavy-duty steel plate with high-temperature granite coating
Outer body	Electrostatic powder-coated steel	Electrostatic powder-coated steel
Heating element	High-efficiency electric heating element	High-efficiency electric heating element
Heating performance	Rapid and uniform surface heating	Rapid and uniform surface heating



Specification	LHP-20	LHP-30
Safety protection	Built-in over-temperature protection	Built-in over-temperature protection
Power (W)	1000	1000
Power supply	220 VAC $\pm 10\%$, 50/60 Hz, single phase	220 VAC $\pm 10\%$, 50/60 Hz, single phase

Warranty

One-year comprehensive warranty on all devices · Two-year warranty against manufacturing defects · Maintenance contract after the warranty period