

MINI DRY METAL BATH

Mini dry Metal Bath | Product Introduction

Mini-100T round mini dry metal bath adopts microcomputer control and uses high-purity aluminum material as the thermal medium to replace traditional water bath devices. It is characterized by convenient use, wide temperature control range, and high precision. It can be widely used in various biochemical sample constant temperature incubation processes such as sample preservation and reaction, pre-denaturation of DNA amplification and electrophoresis, serum coagulation, etc. One-click setting of 37°C and 95°C is available.

Product Features

- ◆ Easy-to-use human-computer interface displays real-time operating and setting information, allowing users to observe device status conveniently.
- ◆ Fast heating rate, uniform heating, accurate temperature control, high stability, and low energy consumption.
- ◆ Built-in temperature deviation calibration function, automatic fault detection, and buzzer alarm function.
- ◆ Built-in over-temperature protection device for safer and more reliable use, and longer machine service life.
- ◆ The product is designed to be compact and tight, with a small space occupation range, and a transparent machine cover to reduce experimental errors.
- ◆ Can be set for continuous operation without time limit.



Module Model Selection

| Model | Test Tube Diameter | Test Tube Specification | Module Size Bottom | Shape of Hole |
|-------|---|-------------------------|--------------------|---------------|
| MY-A | 6.1mm | 0.2ml*96 | φ104.5*32mm | Cone Bottom |
| MY-B | 8mm | 0.5ml*59 | φ104.5*32mm | Cone Bottom |
| MY-C | 10.8mm | 1.5ml*39 | φ104.5*32mm | Cone Bottom |
| MY-D | 10.8mm | 2.0ml*39 | φ104.5*32mm | Round Bottom |
| MY-E | 13.5mm | 5.0ml*18 | φ104.5*32mm | Round Bottom |
| MY-F | 8/10.8mm | 0.5ml*24+1.5ml*30 | φ104.5*32mm | Cone Bottom |
| MY-G | 6.5mm | 6mm*59 | φ104.5*32mm | Round Bottom |
| MY-X | Customizable for Other Specifications / | | / | / |

Technical Parameters

| Model | Mini-100T |
|------------------------------|---|
| Temperature Control Range | Ambient temperature +5°C to 100°C |
| Timing Range | 1 to 99h59min/∞ |
| Temperature Control Accuracy | ≤±0.3°C (@37°C) |
| Temperature Display Accuracy | 0.1°C |
| Heating Time | ≤15min (20°C to 100°C) |
| Temperature Uniformity | ≤±0.5°C (conventional) ≤±0.3°C (@37°C) |
| Number of Modules | 1 |
| Power Supply Voltage | AC110 or 220V/50-60HZ |
| Maximum Power | 150W |
| Product Size | 160*190*130 mm |
| Product Weight | 1.5 kg |