



UNIVERSE UNIVERSAL WATER BATH (SEROLOGICAL TYPE) AZA1055

The AZA1055 Universal Water Bath (Serological Type) is a precision-engineered laboratory instrument designed to provide stable, uniform, and accurate temperature control for sensitive biological, chemical, and diagnostic applications.

Optimized for serological procedures and routine laboratory work, it ensures reproducible results in applications where temperature consistency is critical.

KEY FEATURES

- Serological design optimized for test tubes and racks
- Precise temperature control (Digital PID / Hydraulic thermostat)
- Uniform heating with no hot spots
- Stainless steel inner chamber for corrosion resistance
- Insulated body for energy efficiency
- Removable flat or gabled lid to minimize evaporation
- Suitable for continuous laboratory operation
- Integrated safety protection systems



CONSTRUCTION DETAILS

- Inner Chamber: Stainless Steel (SS 304/SS316)
- Outer Body: Powder-coated mild steel or stainless steel
- Insulation: High-density glass wool / mineral wool
- Heating System: Immersion-type heaters
- Lid Type: Removable flat or gabled stainless-steel lid



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TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Model	AZA1055
Type	Universal / Serological Water Bath
Temperature Range	Ambient +5°C to 99°C / 100°C
Temperature Accuracy	±0.1°C to ±0.5°C (controller dependent)
Temperature Uniformity	±0.2°C to ±0.5°C
Capacity Options	5 L, 10 L, 12 L, 18 L, 25 L, 40 L (custom available)
Inner Chamber Material	SS 304 / SS 316
Outer Body	Powder-coated MS / Stainless Steel
Insulation	Glass wool / mineral wool



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TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Heating System	Immersion heaters
Controller Type	Digital PID / Hydraulic thermostat
Display	LED / LCD (digital models)
Lid	Flat / gabled stainless-steel
Power Supply	230 V AC, 50 Hz, Single Phase
Safety Features	Over-temperature cut-off, low water protection

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