



UNIVERSE LABORATORY OVEN AZA1057

The AZA1057 Laboratory Oven is a durable and high-performance heating unit designed for drying, heating, sterilization, curing, and sample conditioning in laboratory and industrial environments.

Engineered with a double-walled insulated construction, it ensures uniform temperature distribution, thermal stability, and energy efficiency, making it suitable for continuous operation across diverse applications.

KEY FEATURES

- Double-walled cabinet for enhanced thermal stability
- Uniform heating using Kanthal resistance wire elements
- Efficient insulation to minimize heat loss
- Accurate temperature control via hydraulic thermostat
- Stainless steel or aluminum inner chamber options
- Adjustable trays for flexible sample placement
- Front-mounted thermometer for easy monitoring
- Heavy-duty door with chrome-plated hinges
- User-friendly operation with power indicators





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CONSTRUCTION DETAILS

- Inner Chamber: Stainless Steel / Aluminum
- Outer Body: Powder-coated mild steel
- Insulation: 60–75 mm thick glass wool
- Heating Elements: Kanthal resistance wire (multi-side placement)
- Door Assembly: Heavy-duty with chrome-plated hinges
- Trays: Adjustable (steel / aluminum / wire mesh)

APPLICATIONS

- Soil and aggregate drying (geotechnical testing)
- Moisture content determination
- Sterilization of glassware and instruments
- Chemical and pharmaceutical sample processing
- Food testing and conditioning
- Research, academic, and industrial laboratory use

ADVANTAGES

- Uniform heating from all sides of the chamber
- Energy-efficient insulated design
- Rugged construction for long service life
- Accurate and stable temperature control
- Flexible capacity options for different applications
- Suitable for continuous and heavy-duty operation



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TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Model	AZA1057
Type	Laboratory Oven – Double Wall Heating
Temperature Range	Ambient to 250°C (model dependent)
Temperature Control	Hydraulic capillary thermostat
Temperature Display	L-shaped front-mounted thermometer
Inner Chamber Material	Stainless Steel / Aluminum
Insulation	60–75 mm glass wool
Heating System	Kanthal resistance wire heaters
Capacity Options	30 L, 60 L, 90 L, 120 L, 200 L
Trays	Adjustable (2–4 trays depending on model)
Power Indicators	Two pilot lamps
Power Supply	230 V AC, 50 Hz