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VISCOMETER BATH AZA0951

The AZA0951 Viscometer Bath from Azalab is a precision-engineered laboratory system designed to provide a stable, high-temperature controlled environment for viscosity-related testing and evaporation loss evaluation of lubricating oils.

Developed in line with the operational intent of ASTM D445 and associated lubricant evaluation practices, the AZA0951 integrates uniform metal bath heating, automated temperature control, and vacuum-assisted operation, ensuring accurate, repeatable, and reproducible results.

This system is ideally suited for laboratories involved in lubricant formulation, petroleum testing, and high-temperature performance analysis, where evaporation stability and viscosity behavior are critical performance indicators.

Key Functional Features

Precision Temperature Control

- Fully automatic temperature regulation
- Stable high-temperature operation
- Real-time monitoring with high accuracy



Standards & Compliance

- Designed in accordance with ASTM D445 operational principles
- Supports viscosity-related and evaporation testing workflows
- Suitable for petroleum, lubricant, and industrial testing laboratories



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TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0951
Power Supply	AC 220 V \pm 10%, 50 Hz
Total Power Consumption	\leq 1600 W
Heating Power	1200 W
Temperature Control	Fully automatic
Heating Medium	Aluminium alloy metal bath
Suction System	Integrated vacuum pump
Operating Temperature (Ambient)	15°C – 35°C
Relative Humidity	\leq 85%
Main Unit Dimensions	320 × 280 × 500 mm
Auxiliary Unit Dimensions	410 × 320 × 450 mm
Origin	India