

VISCOSITY BATH

As per ASTM D 445, ASTM D 446, IP 71



Galaxy A55 5G

Overview

The Viscosity Bath is a precision-engineered device designed to measure the kinematic viscosity of petroleum products. It uses calibrated capillary viscometers to determine flow under gravity or vacuum at precisely controlled temperatures. This ensures accurate viscosity measurements, critical for the design and selection of various petroleum products.

Key Features :

Precise Kinematic Viscosity Measurement: Designed for accurate measurement of kinematic viscosity in petroleum products. Utilizes calibrated capillary viscometers for reliable flow measurement.

Robust Construction:

A rectangular model with double-walled construction ensures durability and effective temperature control. Toughened glass observation window (254 W x 225 H mm) allows clear visibility of the process.

Illumination: Rear side illumination enhances visibility and ease of operation.

Efficient Heating : Equipped with an oil immersion heater for uniform heating.

Versatile Bath Opening: Bath opening size: 254 x 200 mm. Cover with six openings (50 mm in diameter) to accommodate six viscometers with Bakelite holders.

Large Liquid Capacity: A liquid capacity of 22 liters ensures ample volume for various tests.

Advanced Temperature Control:

Microprocessor-based PID temperature controller with PT-100 sensor. Digital readout with a resolution and temperature accuracy of 0.02°C. Temperature settings: 40°C and 100°C for diverse testing needs.

Efficient Stirring System:

Ensures uniform temperature distribution throughout the bath.

Power Supply: Operates on a standard power supply of 230 V, 1 Phase, 50 Hz.

Technical Specifications

Model	Rectangular, double-walled construction
Observation Window	Toughened glass, 254 W x 225 H mm
Illumination	Rear side
Heater Type	Oil immersion
Bath Opening	254 x 200 mm, with cover and six 50 mm diameter openings
Holders	Six Bakelite holders for viscometers
Liquid Capacity	22 liters
Temperature Control	Microprocessor-based PID with PT-100 sensor
Temperature Accuracy	0.02°C
Temperature Settings	40°C and 100°C
Stirring System	Efficient stirring mechanism
Power Supply	230 V, 1 Phase, 50 Hz

Applications:

Petroleum Industry : Essential for designing and selecting various petroleum products based on their kinematic viscosity.

Research and Development: Ideal for laboratories conducting viscosity tests on oils and lubricants.

Quality Control: Ensures compliance with industry standards and specifications.

Contact Us: For inquiries, pricing, and detailed specifications, please contact our sales team.

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