

VISCOSITY BATH

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



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.

SPEAR EXIM PRIVATE LIMITED

SPEAR EXIM has been founded in 2003 by a team of professionals in India with rich experience in international business & procurement. The team has worked for years in sourcing of products and services. We have supplied our products to various countries in USA ,South Korea, Germany, China, France, United Kingdom, Denmark, Ireland, Kenya, Malawi, Saudi Arabia, Bangladesh, Sri Lanka, Dominican Republic, Iran, Ecuador, Columbia, Peru, Slovenia, Oman, Egypt , UAE , Vietnam, Pakistan and Thailand.

Spear Exim is a multi-faceted organization focused in the export of a host of high quality Indian products. Headquartered in Mumbai (Bombay), India's business and trade hub, we have networked India in a way that makes it easier for us to source anything from here. Our team is well equipped with the expertise and systems in project management, logistics, trade regulations, procedures and quality assurance.

OFFICE ADDRESS :

Spear Exim Private Limited.
706, Divyajyot, Building -8,
S.V.Road, Goregaon (West),
Mumbai, 400104,
INDIA.

Phone : +91-9892534043

Email : chirag@spearexim.com

URL 1: www.spearexim.com

URL 2 : www.speareximindia.com

URL 3 : www.greasetestingequipment.com