

Asphalt Dynamic Viscosity Tester

This asphalt dynamic viscosity tester is designed for precise measurement of asphalt viscosity under dynamic conditions. The instrument features a temperature-controlled chamber with multiple test stations and automated data acquisition.



Overview

Precision Asphalt Viscosity Analysis

This Asphalt Dynamic Viscometer is a professional-grade instrument designed for the precise determination of petroleum asphalt viscosity using vacuum decompression capillary methods. It is engineered to comply with strict industry standards, ensuring reliable results for highway engineering and petrochemical applications. With a multi-sample capacity and automated data processing, this device streamlines laboratory workflows while maintaining high accuracy in temperature and pressure control.

Technical Specifications

Key Performance Metrics

4 pieces

Sample Capacity

0.01 °C

Temp. Accuracy

300 mmHg

Standard Pressure

Detailed Technical Parameters

Parameter	Range/Value
Temperature Control Range	0.00 to 100.00 °C
Pressure Range	300 ± 0.5 mmHg
Timing Range	0.0 to 999.9 s
Measurement Range	4.2 to 580,000 Pa.s
Timing Accuracy	d 0.05%

Operating Conditions & Compliance

Operating Environment

- Power Supply: AC 220V ± 10%, 50 Hz
- Ambient Temperature: 5 to 50°C
- Relative Humidity: d 85%

Standards Compliance

JTJ052, SH/0557

Features

Key Capabilities

- Automated determination and display of test data
- Integrated timing functionality
- Precise control of testing temperature and vacuum levels
- Data storage and printing capabilities