

Asphalt Viscosity Tester

This viscometer is designed for measuring the viscosity of asphalt materials under standardized conditions. It determines the flow characteristics of asphalt, which is crucial for quality control and ensuring the proper performance of asphalt mixtures in road construction.



Overview

Precision Asphalt Viscosity Testing

The Asphalt Viscosity Tester is a precision instrument engineered to determine the viscosity of liquid petroleum asphalt, coal pitch, and emulsified asphalt in a flowing state. Designed for highway engineering and laboratory quality control, it ensures accurate measurement of flow characteristics essential for asphalt mixture performance. This apparatus features an advanced temperature-controlled circulation water bath and digital timing for reliable, repeatable results.

Compliance

Standards Compliance	JTJ052-2000, T0621
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Technical Specifications

Circular Trough Dimensions

Parameter	Value
Inner Diameter	160 mm
Depth	116 mm

Effuse Tube Diameters

- 10 mm ± 0.025 mm
- 5 mm ± 0.025 mm
- 4 mm ± 0.025 mm
- 3 mm ± 0.025 mm

Performance Metrics

Temperature Control

90 °C Max Temperature	0.1 °C Accuracy
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Time Resolution	0.1 s
Maximum Time Value	999.9 s

Electrical & Environmental

Operating Environment

-10°C to 35°C • Max 85% RH

Power Supply

AC 220 V \pm 10%, 50 Hz

Total Power Consumption

700 W

Physical Dimensions

Physical Dimensions (L x W x H)

420 mm x 340 mm x 570 mm