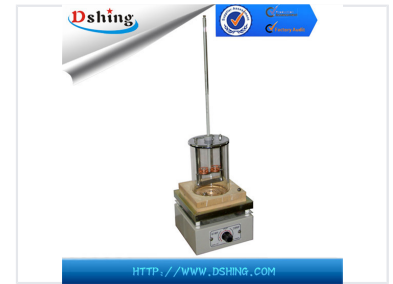


Asphalt Softening Point Tester

This asphalt softening point tester determines the temperature at which asphalt transitions from a solid to a softened state. It is designed for asphalt characterization and quality control in pavement engineering and construction.



Product Overview

Asphalt Softening Point Tester

This instrument is designed for determining the softening point of petroleum asphalt, coal pitch, liquid petroleum asphalt, and various other asphalt materials. It utilizes the Ring and Ball Method to evaluate the temperature at which asphalt transitions from a solid to a softened state. This critical parameter is essential for quality control in pavement engineering and construction projects.

Technical Specifications

Test Capacity	Parallel tests for two groups of samples simultaneously
Bath Capacity	1000 ml
Instrument Weight	1.5 kg
Bottom Plate Distance	25.4 mm

Component Dimensions

Shouldered Ring Dimensions

Dimension	Value
Height	6.4 mm
Upper Opening Diameter	19.8 mm
Lower Opening Diameter	15.9 mm

Steel Ball Specifications

9.5 mm Diameter	3.5 g Weight
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Steel Ball Centering Ring

23 mm Inside Diameter	9.55 mm Center Diameter
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Measurement

Thermometer Range	30°C to 180°C
Scale Division	0.5 °C

Compliance

Applicable Standards

GB/T 4507-1999, JTJ052, ASTM D36, AASHTO T53