

Automatic Asphalt Softening Point Tester

This fully-automatic tester determines the softening point of asphalt materials. It reduces operator intervention and improves repeatability with its automated testing process.



Product Overview

Fully-Automatic Asphalt Softening Point Tester

This fully-automatic instrument is designed for the precise determination of the softening point of petroleum asphalt, coal pitch, and liquid petroleum asphalt. It adheres to rigorous international and industrial standards, including the ring and ball method. Ideal for bitumen manufacturers, research institutes, and quality control laboratories, it streamlines testing with electromagnetic stirring and automated heating rate adjustment.

Technical Specifications

Measuring Range

80 °C

Water Medium

160 °C

Glycerol Medium

Heating Performance

Parameter	Value
Heating Power	1400 W
Heating Rate	5.0 ± 0.5 °C/min (after 3 min)

Operational Specifications

- Temperature resolution: 0.01°C
- Sample capacity: 2 or 4 samples concurrently
- Stirring: Electromagnetic, stepless adjustable
- Effective flask volume: 1000ml

Physical and Electrical

Dimensions and Weight

620 mm

Length

340 mm

Width

300 mm

Height

15.5 kg

Net Weight

Power Supply AC220V (-5%~+10%), 50Hz

Max Power Consumption 1500 W

Environment

Operating Environment Room temp < 35°C, No air convection, Humidity d 85%

Features

System Features

LCD Display • Integrated Printer • Fully Automatic • Electromagnetic Stirring