

Automatic Asphalt Softening Point Tester

This fully-automatic tester determines the softening point of asphalt. It features an automated testing process, precise temperature control, and a digital display for accurate results.



Product Overview

Precision Asphalt Analysis

The Fully-automatic Asphalt Softening Point Tester is engineered for precise determination of softening points in petroleum asphalt, coal pitch, and liquid petroleum asphalt. Designed to comply with standard test methods for highway engineering, it ensures accurate results for road construction, research institutes, and bitumen manufacturing. This instrument features automated testing, precise temperature control, and a digital display to streamline quality control processes.

Technical Specifications

Power Supply	AC220V (-5% to +10%), 50Hz
Heating Power	1400 W
Total Power Consumption	1500 W

Performance Metrics

Measuring Range (Water Medium)	+5°C to +80°C
Measuring Range (Glycerol Medium)	+32°C to +160°C
Temperature Resolution	0.01 °C
Heating Rate	Self-adjusting to 5.0±0.5°C/min after 3 minutes
Stirrer	Electromagnetic, stepless adjustable speed

Design & Operation

Flask Effective Volume	1000 ml
Display & Output	LCD Screen, Printer, RS-232C Port
Overall Dimensions	620mm x 350mm x 340mm
Net Weight	16.8 kg

Operating Environment

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Parameter	Requirement
Ambient Temperature	< 35°C (Stable)
Airflow	No air convection
Relative Humidity	d 85%