

Automatic Bitumen Fraass Breaking Point Tester

This automatic tester determines the Fraass breaking point of bituminous binders. It automates the bending process and temperature control, providing precise and repeatable results.



Product Overview

Automatic Fraass Breaking Point Tester

This automated testing instrument is engineered for the precise determination of the Fraass breaking point of bituminous materials, adhering to industry standard specification T0613. By automating both the cooling rate and the bending mechanism, it eliminates manual variability, ensuring consistent and repeatable results. The system is capable of testing three samples simultaneously, calculating an average value to enhance efficiency and reliability in laboratory settings.

Technical Specifications

Cooling Rate	1 °C/min
Temperature Measurement Range	-27°C to +25°C
Temperature Measurement Error	0.5 °C
Power Supply	AC 220V±10%, 50 Hz
Total Power Consumption	450 W

Operational Details

Sample Capacity	3
Steel Sheet Dimensions	41 x 20 x 0.15 mm
Cooling Mode	Water
Connectivity & Output	RS232 Port, Integrated Printer

Environmental Requirements

Ambient Temperature	Room temperature to +30°C
Relative Humidity	d 85%