

Saybolt Viscosity Tester

This laboratory instrument determines the Saybolt viscosity of petroleum products. It features a temperature-controlled bath with precise digital temperature control, ensuring accurate and repeatable measurements.



www.merheing.com

Product Overview

Precision Viscosity Testing

The Saybolt Viscosity Tester is a sophisticated laboratory instrument engineered for the precise determination of viscosity in petroleum asphalt and liquid petroleum asphalt. Utilizing advanced microprocessor control technology, it allows for simultaneous parallel testing of two samples, significantly improving laboratory efficiency. The system features a digital interface that not only displays test parameters but also automatically calculates average values and converts Saybolt viscosity data into Engler or Kinematic viscosity formats.

Technical Specifications

Power Supply	AC 220V±10%, 50 Hz
Heating Power	1000 W
Working Temperature Range	Room temperature ~ 240.0
Temperature Control Accuracy	0.1 °C
Timing Range	0.0 ~ 999.9
Timing Accuracy	0.1 s

Operational Parameters

Sample Receiving Bottle Volume	60 ml
Working Mode	Two-way determination, Parallel test
Instrument Type	Desktop

Environmental Requirements

Max Ambient Temperature	35 °C
Max Relative Humidity	85 %

Performance Metrics

Performance Highlights

2 units

Simultaneous Samples

3 formats

Viscosity Conversion Types