

Low-Temperature Kinematic Viscosity Tester

This kinematic viscometer is designed to determine the kinematic viscosity of liquid petroleum products under a constant temperature. It is applied to testing Newton liquids at low temperatures.



Product Overview

Low-Temperature Kinematic Viscosity Tester

This precision instrument is engineered for accurate measurement of kinematic viscosity in liquids under low-temperature conditions. It features a robust stainless steel constant temperature bath and a high-performance cooling system, ensuring consistent and reliable test results. Designed for laboratory and industrial applications, this unit provides the stability and control necessary for testing lubricating oils, fuels, and other critical fluids.

Technical Performance

Temperature Controlling Accuracy

0.1 °C

Accuracy

Measurement Range

-70 °C

Temperature Sensor

Industry Platinum Pt100

System Components

Power Requirements

220 V

Voltage

1700 W

Total Consumption

Constant Temperature Bath

5.8 L

Stirring Motor

6W, 1200 RPM

Cooling System

Double refrigeration compressors

Accessories

Included Capillary Diameters

- 0.6
- 0.8
- 1
- 1.2
- 1.5
- 2
- 2.5

Operating Environment

Recommended Environment

Ambient Temp d 30°C, Relative Humidity d 85%