

Multifunctional Low Temperature Tester

This multifunctional low temperature tester determines the solidifying point, pour point, and cloud point of petroleum products. It is widely used for research, quality control, and material testing in low-temperature environments.



Product Overview

Precision Low-Temperature Testing

This multifunctional low-temperature tester is designed for rigorous laboratory applications requiring precise thermal control. Featuring an advanced refrigeration system and a digital control interface, it supports simultaneous testing across multiple temperature-controlled baths. The unit is built for mobility and ease of use, making it an essential tool for quality control and material research in demanding low-temperature environments.

Technical Specifications

Power Supply	AC 220 V \pm 10%, 50 Hz
Power Consumption	1700 W
Refrigeration System	New type refrigeration compressor

Operating Environment

Max Ambient Temperature	30 °C
Max Relative Humidity	d85%

Bath Performance

Cold Bath Temperature Ranges

Bath	Temperature Range	Accuracy
Cold Bath I	0 °C	\pm 0.5 °C
Cold Bath II	0 °C to -17 °C	\pm 0.5 °C
Cold Bath III	-17 °C to -34 °C	\pm 0.5 °C
Cold Bath IV	Room temp to -70 °C	\pm 0.5 °C