

Freezing Point Tester for Jet Fuel and Coolant

This freezing point tester is designed to determine the freezing point of jet fuels, engine coolant, and engine concentrate. It features a temperature-controlled bath with a clear observation window, precision temperature sensors, and a digital display.



Product Overview

Precision Freezing Point Analysis

This laboratory instrument is specifically designed for determining the freezing point of jet fuel and coolant with high precision. Featuring a robust refrigeration system and a stainless steel cold trough with a double-layer glass observation window, it ensures consistent and accurate results. The unit is equipped with advanced electromagnetic stirring mechanisms for both the bath and the sample, making it an essential tool for quality control in petroleum, chemical, and pharmaceutical applications.

Technical Specifications

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|----------------------------------|--------------------|
| Power Supply | AC 220V±10%, 50 Hz |
| Total Power Consumption | 2000 W |
| Temperature Controlling Accuracy | 0.5 |
| Cold Trough Temperature Range | +20 to -70 |
| Bath Stirrer Speed | 1200 RPM |
| Sample Stirrer Speed | 0–120 RPM |

Operating Environment

| | |
|---------------------|------|
| Ambient Temperature | 30 |
| Relative Humidity | d85% |

Related Equipment

Related Low Temperature Testers

- DSHD-510 Solidifying Point Tester
- SYD-510D Pour Point & Cloud Point Tester
- DSHD-510E Solidifying Point & Cold Filter Plugging Point Tester
- DSHD-510F1 Multifunctional Low Temperature Tester
- DSHD-510Z-1 Automatic Solidifying Point & Pour Point Tester
- DSHC-1 Distillate Fuel Cold Filter Plugging Point Filter