

Lubricating Oil Rust Tester

The Lubricating Oil Rust Tester assesses the rust-preventive properties of lubricating oils. It is designed to evaluate the effectiveness of turbine oil on iron parts in the presence of water.



Product Overview

Precision Rust Prevention Testing

The DSHD-11143 Lubricating Oils Rust Tester is engineered to evaluate the rust-preventing characteristics of inhibited mineral oils, particularly turbine oils, in the presence of water. It is also suitable for testing hydraulic oils, circulation oils, and other liquids with a gravity greater than water. This apparatus ensures consistent, repeatable results, making it an essential tool for quality control laboratories and research facilities.

Technical Specifications

Heating Power

600 W

Control Heating

1000 W

Auxiliary Heating

Power Supply	AC 220V±10%, 50 Hz
Total Power Consumption	1800 W

Performance Metrics

Temperature Control Range	0~100
Temperature Accuracy	1
Motor Rotation Speed	1400 r/min
Sample Stirring Speed	1000±50 r/min
Timing Range	1 minute to 24 hours

Operational Details

Sample Capacity	4 holes
Temperature Sensor	Platinum resistance (Pt100)

Operating Environment

Ambient Temperature	Room temperature to 35
Relative Humidity	≤85%

Compliance

Standards Compliance	GB/T11143
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