

Lubricating Oil Demulsibility Tester

This apparatus determines the demulsibility characteristics of lubricating oils. It assesses the oil's ability to separate from water, which is a crucial factor in maintaining lubrication effectiveness and preventing corrosion in machinery.



Overview

Precision Demulsibility Testing

The Lubricating Oil Demulsibility Tester is a professional-grade instrument designed to assess the water separation characteristics of lubricating oils, petroleum oils, and synthetic fluids. By utilizing precise digital temperature control and automated agitation, it ensures reliable and repeatable results essential for quality control in the petroleum industry. This apparatus helps maintain lubrication effectiveness and prevents machinery corrosion by accurately determining how well oils separate from water.

Standards & Compliance

Applicable Standards	GB/T8022, ASTM D2711
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Technical Specifications

Input Voltage	220 V
Frequency	50 Hz
Heating Power	1.8 KW

Performance Metrics

Temperature Range

100 °C

Max Temperature

Temperature Accuracy	± 0.1 °C
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Key Features

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- Digital control thermostat for precise temperature management
- High-precision motor control for consistent agitation
- Automatic timing device to reduce labor intensity