

# Demulsibility Tester for Petroleum Oils

This demulsibility tester determines the ability of petroleum oil and synthetic liquids to separate from water. It is designed according to national standard GB/T7305 for testing demulsibility characteristics.



## Overview

### Demulsibility Tester for Lubricating Oils

The Demulsibility Tester is a specialized instrument designed for determining the demulsibility characteristics of lubricating oils, essential for assessing an oil's ability to separate from water. By maintaining precise temperature control and utilizing a high-speed stirring mechanism, this apparatus helps prevent corrosion and maintains critical lubricating properties in machinery. It is an indispensable tool for lubricant manufacturers, oil analysis laboratories, and maintenance departments requiring reliable and repeatable results.

## Technical Parameters

Power Supply	AC 220 V $\pm$ 10%, 50 Hz
Total Power Consumption	1200 W
Heating Power	1000 W

## Performance Metrics

### Temperature Control

<b>99.9 °C</b> Max Temperature	<b>1 °C</b> Accuracy	<b>0.1 °C</b> Resolution
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Stirring Speed	1500 RPM
Time Control Range	1 s to 9 min 59 s

## Operating Environment

### Ambient Conditions

- Ambient Temperature: Room temperature to 35 °C
- Relative Humidity:  $\leq$ 85%

## Features

Compliance Standards	ASTM D1401
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