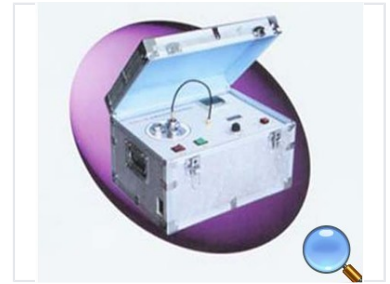


# Insulating Oil Resistivity Tester

The Insulating Oil Resistivity Tester utilizes an active bridge principle for precise resistivity determination. It automatically times, reads, and saves test data, offering advantages such as simple structure, excellent linearity, and high sensitivity.



## Product Overview

### Precision Insulating Oil Analysis

The Insulating Oil Resistivity Tester is a specialized instrument designed for measuring the volumetric resistivity of insulating oils. This device provides accurate and reliable measurements crucial for assessing the quality and suitability of oils used in transformers, capacitors, and other high-voltage electrical equipment. Featuring a robust design and precise circuitry, it serves as an essential tool for laboratories and field applications to prevent equipment failure and ensure safe operation.

## Operating Conditions

Ambient Temperature	40 °C
Relative Humidity	d85%
Power Supply	AC 220V±10%, 50Hz±1Hz

## Measurement Parameters

### Key Performance Metrics

<b>500 V</b> Measurement Voltage	<b>300 W</b> Heating Power	<b>0.5 °C</b> Temp Control Accuracy
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### Repeatability Specifications

Range	Repeatability
>10 <sup>12</sup> Ωm	±25%
<10 <sup>12</sup> Ωm	±15%

Measurement Range	10 <sup>8</sup> ~19.99×10 <sup>13</sup> Ωm
Electrode Cups Included	3
Temperature Control Range	30 ~100