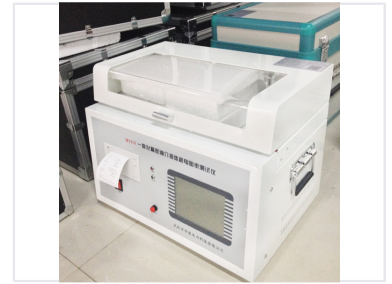


# Insulating Oil Tangent Delta Tester

The Insulating Oil Tangent Delta Tester measures the tangent delta (dissipation factor) of insulating oils. It is used to monitor oil degradation, detect contamination, and prevent potential equipment failures in transformers and capacitors.



## Product Overview

### Precision Insulating Oil Testing

This specialized instrument is designed for the critical measurement of tangent delta (dissipation factor) and capacitor values in insulating oils. It features integrated temperature control and an onboard micro-printer for immediate documentation of test results. Ideal for maintaining high-voltage equipment, this tester helps monitor oil degradation and detect contamination to prevent potential asset failure.

## Technical Specifications

### High Voltage Output

**2200 V**

Max Voltage

**50 VA**

Capacity

### Measurement Accuracy

Parameter	Accuracy/Error
Tangent Delta	< 1%RDG+0.02%
Capacitor	< 1%RDG+0.5pf
High Voltage	< 2%RDG+0.2%FS

### Temperature Control

**100 °C**

Max Temperature

**0.5 °C**

Temp Measurement Error

**1 °C**

Control Error

## Physical & Environmental

### Physical Dimensions

- Dimensions: 450mm x 360mm x 310mm
- Weight: < 18kg

### Operating Environment

0-50°C Ambient Temperature, d80% RH Humidity

## Logistics & Warranty

### Service Terms

Item	Details
Product Warranty	12 months
Quotation Warranty	3 months
Delivery Time	7 working days