

Insulating Oil Tester Calibration System

The insulating oil tester calibration system is designed for precise calibration of insulating oil testers. It ensures the accuracy and reliability of measurements in high-voltage electrical equipment.



Overview

Precision Calibration System

The Insulating Oil Tester Calibration System is a specialized instrument designed for the precise calibration of insulating oil testers. It ensures the accuracy and reliability of measurements in high-voltage electrical equipment by verifying performance for both laboratory and on-site testing environments. This system provides a traceable calibration process to maintain compliance with industry standards.

Technical Capabilities

Calibration Functions

- Breakdown voltage error calibration
- High voltage measurement error calibration
- Voltage rise rate error calibration
- High voltage cut off time measurement
- High voltage distortion rate measurement

Key Measurement Metrics

100 kV

Max High Voltage

0.08 ms

Cut off Time Error

20 pF

Divider Capacity

Performance Specifications

Parameter	Accuracy/Limit
High voltage measurement error	0.2%RDG+0.02kV
High voltage rise rate error	< 0.5%RDG+0.005kV/s
High voltage distortion rate error	< 2%

Operating Environment

Power Supply	AC220V±10% 50Hz/60Hz
Operating Temperature	0~50°C
Humidity Limit	d80%RH

Physical Specifications

Weight	10 kg
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Commercial Terms

Warranty Coverage	12 months product warranty, 3 months quotation warranty
Delivery Time	7 working days