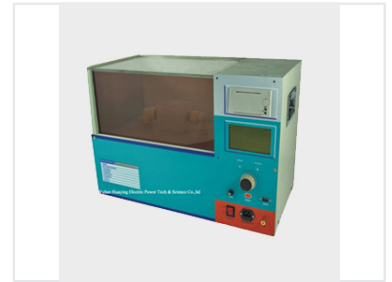


# Insulating Oil Breakdown Voltage Tester

This insulating oil tester evaluates the dielectric strength of oils used in high-voltage equipment. It offers accurate measurements to ensure the quality and performance of insulating oils.



## Overview

### High-Precision Dielectric Oil Testing

This insulating oil breakdown voltage tester is engineered for precise evaluation of dielectric strength in transformer oils and other high-voltage electrical equipment. It supports multiple international testing standards including IEC60156, ASTM D1816, and ASTM D877, ensuring global compatibility. Designed for both laboratory and field use, the unit features automated reporting capabilities and customizable test parameters to streamline maintenance workflows.

## Technical Specifications

### Rate of Voltage Rise

- 0.5 kV/s  $\pm 5\%$
- 2 kV/s  $\pm 5\%$
- 3 kV/s  $\pm 5\%$
- 5 kV/s  $\pm 5\%$

### Output Voltage

100 KV

### Test Error Margin

3% RDG + 0.3% FS

## Test Capabilities

### Available Test Modes

User-defined • Proof test • 5-minute standard • Manual test

### Supported Standards

IEC60156, IS6792, BS5874, ASTM D1816, ASTM D877

## Operational Features

### Data Management

- 100 groups of test data storage
- PC data upload
- Automatic Word report generation
- Calibration interface

### User-Defined Settings

**9 cycles**

Max Test Times

**999 s**

Max Stir Time

**999 s**

Max Waiting Time

## Physical & Environmental

### Operating Environment

Parameter	Value
Temperature	0-50°C
Relative Humidity	d80%RH
Power Supply	AC220V±10%, 50/60Hz

Dimensions	620mm x 430mm x 330mm
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Weight	41 kg
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