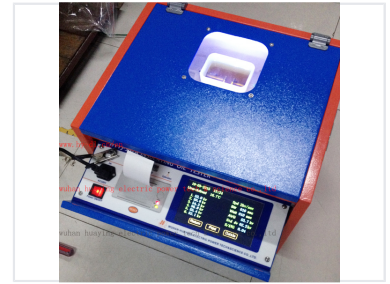


Transformer Oil Dielectric Strength Tester

This tester measures the dielectric strength of transformer oil according to IEC60156 standards. It applies increasing voltage to the oil until breakdown to assess its ability to withstand electrical stress.



Product Overview

Transformer Oil Dielectric Strength Tester

This high-precision dielectric strength tester is designed for reliable assessment of insulating oil quality in transformers and high-voltage equipment. It supports multiple international testing standards including IEC60156, ASTM D877, and ASTM D1816, ensuring broad compatibility for professional laboratory and field use. Equipped with a 7-inch touch-screen display, it offers customizable testing parameters and integrated temperature measurement to ensure accurate, repeatable results for critical infrastructure maintenance.

Electrical Specifications

Voltage Rise Rates

- 0.5 kV/s $\pm 10\%$
- 2 kV/s $\pm 5\%$
- 3 kV/s $\pm 5\%$
- 5 kV/s $\pm 5\%$

Input Power Supply	AC 220V $\pm 10\%$
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Output Voltage Range	100 KV
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Testing Capabilities

Key Performance Metrics

9 cycles

Max Test Times

0.1 KV

Measurement Resolution

100 groups

Data Storage

Supported Standards	IEC60156, IS6792, BS5874, VDE0370-5, ASTM D877, ASTM D1816, JIS C 2101-99(S)
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Environmental & Operation

Temperature Measurement Range	0°C to 70°C
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Max Operating Temperature	45 °C
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Interface & Design

Display	7 inch colorful LCD with touch pad
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