

BDV.80KVT

Product Overview

- Used for power networks, railway systems, large-scale petrochemical plants etc.
- Electrical equipment which rely on oil-filled insulation, testing of the insulating oil dielectric strength is a common and a standard practice.
- To meet the needs of the market, we have developed and produced a series of insulating oil dielectric strength testers according to national standard GB/T507-2002, industry standard DL429.9-91 and the latest Electric Power Industry Standard DL/T846.7-2004. IEC60156-1995 compliant.
- Single-chip microcomputer as the core provides a fully automated high accuracy Instrument.



Key Features:

- With the microprocessor the instrument automatically completes the withstand voltage test for oil circulation with a range of 0 ~ 80KV (including boosting, maintaining, mixing, standing, printing and data export)
- Wide temperature sample range 0 - 99°C
- Large LCD display with touch screen operation
- User friendly operation. The Instrument will automatically complete the withstand voltage test on one sample.
- Breakdown voltage value of 1 to 9 times and will be automatically saved.
- After the test, the thermal printer will print each breakdown voltage value and average value.
- Power-down data preservation.
- The Instrument can save 100 tested results.
- The voltage is accurate at 50Hz.
- Equipped with over-voltage, over-current protection to safeguard the operators.
- Displays time & date on test results.
- Communicate include RS232 & USB interface for exporting test data.

Technical Specification:

- Output voltage: 0~80KV rms
- Voltage distortion rate: $\pm 1\%$
- Booster capacity: 1.5KVA
- Measuring accuracy: $\pm 1\%$
- Flashover twitch time: <10 μ s
- Supply voltage: AC220V $\pm 10\%$ 50Hz ± 1 Hz
- Power Consumption: 300W
- Applicable temperature: 0°C~55°C
- Weight: 28kg
- Overall dimension: 460×280×320mm

Standard Accessories:

- Main Instrument 1
- Glass Test Vessel 400ml 2
- Elbows 2
- Magnetic Stirrers 2
- Gap indicators 1,2 & 2.5mm 1 set
- Magnet retriever 1
- Power cord 1
- Fuse's 2
- Print paper 4
- Analysis Software 1