

OIL BREAKDOWN VOLTAGE TESTER OT-90 (UIM-90)

PURPOSE OF THE PRODUCT

OT-90 (UIM-90) test devices are designed for testing the dielectric strength of insulating fluids. They are perfect for testing mineral and synthetic oils. The said devices are applied in company laboratories which deal with manufacturing, operation or service of transformers, oil circuitbreakers, transformers and capacitors.

- **Tests in accordance with IEC60156 or ASTM D877;**
- Oil testing up to 90kV
- Possibility of measuring both mineral and synthetic oils;
- Tests acc. to own usage schedule – programmable arentest voltage value, voltage increase rate, testing time and /or mixing time;
- Safety interlock to prevent an inadvertent power connection when the cover is open;
- Ergonomic design facilitating proper test performance;
- Automatic calculation of measurements average values and of the standard deviation;
- Possibility of remote control from a computer, saving of results and printing of reports.



TECHNICAL DATA

- Voltage ranges on test electrodes – from 10 to 90 kV;
- Usually, the device is equipped with spherical test electrodes with a diameter of 25.0 mm.;
- Radio connector for communication with a computer.
- Voltage increase rate – 2kV/s
- Accuracy of voltage measurements – 3%
- Mixing time – programmable
- Built-in printer

Working condition:

- temperature from 0 to +35°C
- relative humidity <80%

Supply voltage – 230 V (50±2 Hz);

Power– 0,5 kW;

Overall dimensions 520×335×320

Weight 30kg

