



ASTM D 877- ISO NF EN 60156 - IP 295 - NFC 27221

SCOPE

Standard Tests methods for the dielectric breakdown voltage of insulating fluids

DIELECTRIC BREAKDOWN VOLTAGE OF INSULATING FLUIDS - REF 23797 -

MAIN CHARACTERISTICS

- ✓ Laboratory instruments or measuring insulation oil breakdown voltage
- ✓ Lock in precision – oil vessel with lockable adjustment
- ✓ Flat electrode gap gauges that will not damage electrodes
- ✓ QVGA colour display with backlight visible in sunlight (3.5")
- ✓ Intuitive user interface
- ✓ Suitable for mineral, ester and silicon oils
- ✓ Large, easy clean test chamber with oil drain
- ✓ High visibility test chamber
- ✓ Trip detection circuit with direct measurement of voltage and current
- ✓ Ultra fast (<10 us) HV switch off time
- ✓ Safe operation with dual redundant micro switch

SCOPE OF DELIVERY

DIELECTRIC BREAKDOWN delivered ready for use with :

- REF. 23800** IEC60156 Electrode Set – 12.7 mm spherical (2), 36 mm mushroom (2)
REF. 23805 ASTM D877/1816 electrode set – 25.4 mm cylindrical (2std, and 2 none std), 36 mm mushroom (2)
REF. 23806 Full electrode set ASTM and IEC electrodes
REF. 23807 Vessel 400 ml assembly (no electrode supplied)
REF. 23809 Vessel 150 ml assembly (no electrode supplied)

ALTERNATIVE

REF 27196 Portable tester for routine analysis –
Model OTS60PB - delivered with 4 oil vessels, 1 pair of spherical, mushroom and cylindrical electrodes, spacing gauge and protective carrying case.



ORDERING INFORMATION

REF 23797

Test voltages: 60 kV, 80kV and 100kV; 50/60Hz

(W) 580x (D) 420x (H) 290 mm (± 30 kg)

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