



6835

Test Cell for Liquid Insulants



GENERAL

The type 6835 test cell allows tests on the dielectric properties of liquid insulants, e.g. determines dissipation factor $\tan \delta$ or power factor (PF). It is particularly suitable for on-site maintenance measurements on the insulating oil of electrical apparatus, e.g. transformers, oil circuit-breakers also.

ADVANTAGES

- Suitable for testing insulating samples with the Tettex type 2818/5283 and 2816/5284 and 2816/5284 U and MIDAS 2880 insulation test system
- Simply, sturdy design
- The plastic transport case provides an insulated support for the cell during measurement
- Generous cell dimensions ensure accessibility of electrode surfaces for cleaning
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TECHNICAL SPECIFICATION

■ Empty capacitance	about 109 pF
■ Radial electrode spacing	6.7 mm
■ Quantity of liquid	about 1050 cm ³
■ Electrodes	polished, nickel-plated
■ Max. test voltage (rms) (only at full cell)	10 kV, 50 / 60 Hz
■ Dimensions	
Test cell	Ø178 x H 190 mm (Ø 7.0 x H 7.5 in)
Transport case	210 x 230 x 235 mm (L x W x H) (8.3 x 9.1 x 9.3 in)
■ Weight	
Test cell with transport case	3.9 kg (8.6 lb)

ORDER SPECIFICATION

Type 6835 test cell for liquid insulants (max. 10 kV)

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