6835

Test Cells for Liquid Insulants

Datasheet



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Designed by Tettex

General Description

The type 6835 test cell allows tests on the dielectric properties for liquid insulants, e.g. determines dissipation factor tan δ 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.

Features	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	☑ Seamless operation with other devices
▪ Simple and sturdy design	☑ Easy maintenance and safe for transport
▪ Plastic transport case	☑ Provides insulating support for the cell during measurement
▪ Generous cell dimensions	☑ Ensure accessibility of electrode surfaces for cleaning

Applications

Suitable for testing insulating samples with:

- MIDAS 2880
- Tettex type 2818 / 5283
- Tettex type 2816 / 5284
- Tettex type 2816 / 5284 U

Scope of Supply

- 6835 Test Cell
- Operating Manual

Technical Data

Measurement	
Empty capacitance	approx. 109 pF
Radial electrode spacing	6.7 mm
Quantity of liquid	approx. 1050 cm^3
Electrodes	Polished, nickel-plated
Max. test voltage rms (only at full cell)	10 kV, 50/60 Hz

Mechanical		
Dimensions (L x W x H)	Test cell :	ϕ178 x H 190 mm (ϕ 7 x H 7.5 in)
	Transport case:	210 x 230 x 235 mm (8.3 x 9.1 x 9.3 in)
Weight (test cell with transport case)	3.9 kg (8.6 lb)	

Global Presence

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