

# 6835

## Test Cell for Liquid Insulants

■ 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

### TECHNICAL SPECIFICATIONS

- Empty capacitance about 109 pF
- Radial electrode spacing 6.7 mm
- Quantity of liquid about 1050 cm<sup>3</sup>
- Electrodes polished, nickel-plated
- Max. test voltage (rms) 10 kV, 50 / 60 Hz (only at full cell)
- 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 SPECIFICATIONS

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



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