



# 6835

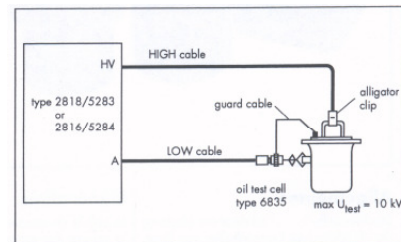
## Test Cell For Liquid Insulants



- **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)

### TEST SYSTEM LAYOUT

Diagram of connections between type 2818/5283 or 2816/5284 and 2816/5284U automatic test system and type 6835 test cell.



### 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 aso.

### 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 SPECIFICATION

- 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)

The following test cable can be used as required (see table).

System type	Cable and Accessory set	HIGH / LOW cables, alligator clips, guard cable
2816/5284 (20m) 2816/5284 U	019854-00	used from
2816/5284 (100 feet) 2816/5284 U	020911-00	the cable and accessory set
2818/5283 (20m)	015447-00	Order no. 5284/020911 or 5283/015447
to be ordered separately: Cable set (3m)	017922-00	

### ORDER SPECIFICATION

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

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