6835

Test Cells for Liquid Insulants

Datasheet

Sold & Serviced in USA by:

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HAEFELY
Current and voltage – our passion
**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.

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<table>
<thead>
<tr>
<th>Features</th>
<th>Advantages</th>
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</thead>
<tbody>
<tr>
<td>Suitable for testing insulating samples with the Tettex type 2818 / 5283 and 2816 / 5284 and 2816 / 5284 U and MIDAS 2880 insulation test system</td>
<td>☑ Seamless operation with other devices</td>
</tr>
<tr>
<td>Simple and sturdy design</td>
<td>☑ Easy maintenance and safe for transport</td>
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<tr>
<td>Plastic transport case</td>
<td>☑ Provides insulating support for the cell during measurement</td>
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<tr>
<td>Generous cell dimensions</td>
<td>☑ Ensure accessibility of electrode surfaces for cleaning</td>
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</tbody>
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**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

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Empty capacitance</th>
<th>Radial electrode spacing</th>
<th>Quantity of liquid</th>
<th>Electrodes</th>
<th>Max. test voltage rms (only at full cell)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>approx. 109 pF</td>
<td>6.7 mm</td>
<td>approx. 1050 cm³</td>
<td>Polished, nickel-plated</td>
<td>10 kV, 50/60 Hz</td>
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<thead>
<tr>
<th>Mechanical</th>
<th>Dimensions</th>
<th>Weight (test cell with transport case)</th>
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<tbody>
<tr>
<td></td>
<td>Test cell : 178 x H 190 mm (7 x H 7.5 in) Transport case: 210 x 230 x 235 mm (8.3 x 9.1 x 9.3 in)</td>
<td>3.9 kg (8.6 lb)</td>
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</tbody>
</table>
Global Presence

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V2020.05