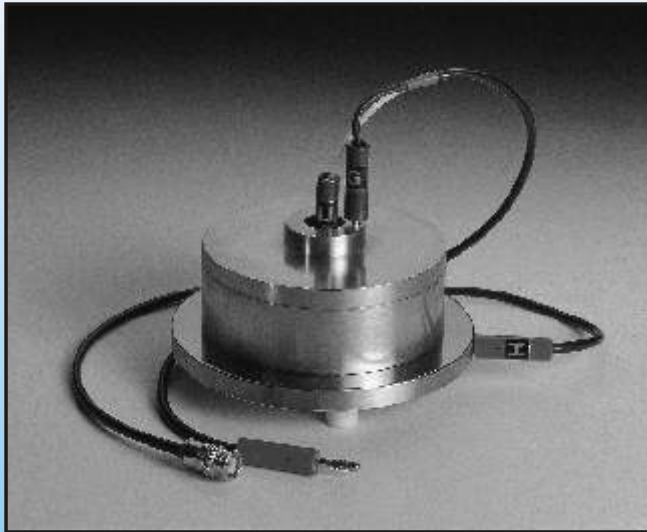


Solid Test Cell



DESCRIPTION:

The Eltel Solid Dielectric Test Cell is specifically designed to test electrical insulating material in sheet form using a Capacitance and Dissipation factor bridge. The cell is suitable for use with Eltel Models DTR-3K, ADTR-2K, CTS-30T, CTS-500, ACB-502 test sets or any comparable bridge from different manufacturers.

The circular electrodes are constructed from rigid stainless steel, Insulating material in sheet form with thickness between 0.8 mm to 2.5 mm can be tested using the solid test cell.

The sample should be square with a minimum of 120mm x 120mm (wxb) and a maximum height of 2.5 mm or a disc with 120mm minimum dia and height of 2.5mm. The samples can be tested only at room temperature.

Electrical connection to the test cell is accomplished through commonly found connectors, allowing many different types of measuring bridges or instruments to be used.

SPECIFICATIONS :

❖ Cell Type	:	Three-terminal, guarded.
❖ Cell Gap Spacing	:	0.8mm to 2.5mm (recommended)
❖ Electrode Diameter	:	100mm
❖ Cell Capacitance	:	70pF at 1mm gap.
❖ Maximum Test Voltage	:	2.5kV AC, 2.5kV DC.
❖ Construction	:	Stainless Steel Electrodes.
❖ Connectors	:	4mm Banana Sockets.
❖ Dimensions	:	160mm x160mm x85mm (LxBxH).
❖ Weight	:	Approx. 5kgs.

OTHER PRODUCTS

- * Manual & Automatic Transformer Ratio Meters.
- * Digital Micro Ohm Meters. with built in 100Amp source.
- * Manual & Automatic Transformer Winding Resistance & On Load Tap Changer Test sets.
- * Automatic CT/PT Test sets & Systems
- * Automatic & Semi Automatic HV Capacitance & Tan Delta Test sets, 10 kV Oil Test Cell.
- * Manual & Automatic Tan Delta & Resistivity Test sets for Transformer Oil, Solid Test Cell.
- * Portable LV Capacitance and Tan Delta Test sets.

Certified ISO 9001:2000 by



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(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)