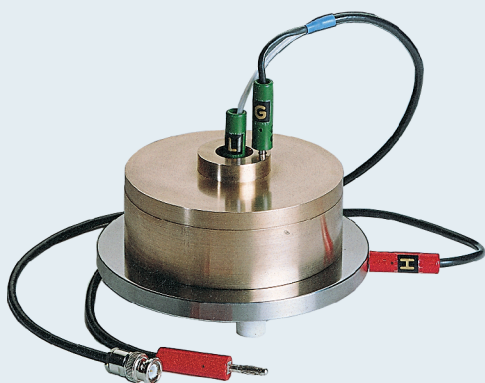


Solid Test Cell



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 Plus, 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	:	2.4kV AC, 1kV DC.
❖ Construction	:	Stainless Steel Electrodes.
❖ Connectors	:	4mm Banana Sockets.
❖ Dimensions	:	160mm x 160mm x 85mm (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/VT Test Sets & Systems.
- Automatic 12kV & 5kV Capacitance & Tan Delta Test Sets.
- Relaying Current Transformer Analyser.



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Eltel Industries, established in 1983, is a market leader in the development and manufacturing of test instruments for electrical power industries and utilities. We are pleased to announce the NABL-accreditation of the Eltel Industries Calibration Laboratory (including on-site calibrations) in electro-technical discipline in accordance to ISO/IEC:17025/2005.

An ISO 9001 - 2008 Certified Company

(Specifications subject to change without notice)

ELTEL APRIL 2018