



Cambridge Instruments
& Engg. Co.

EST. 1963 · HOWRAH, INDIA

INSULATION TESTER · MOTOR-OPERATED

CIE/777

Motorised insulation tester · sustained PI / DAR · guard terminal

01 KEY FEATURES

- Mains-motor driven
- Sustained PI & DAR testing
- Guard terminal & infinity adjuster
- Seasoned wooden body, detachable lid & lock



CIE/777 · INSULATION TESTER

02 TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
DRIVE & MEASUREMENT	
Drive	Mains motor, 230 V, 50 Hz A.C.
Scale Length	100 mm (approx.)
Accuracy	As per IS: 2992-1987
Response Time	3 seconds
Range Configuration	Multiple range options available - specify at order
Guard Terminal & Infinity Adjuster	Guard ring & guard terminal eliminate surface-leakage errors; infinity adjuster provided
TEST & SAFETY	
High Voltage Test	Min. 2kV or (rated V + 1)kV A.C. r.m.s., 1 min
Insulation Resistance Test	Better than 50 MΩ at 500V D.C.
GENERAL	
Body	Seasoned wooden cabinet, sunmica finish, detachable lid, handle, lock
Dimensions (top cover)	14 × 10 × 10 inch (approx.)
Weight (top cover)	9 kg (approx.)
Warranty	12 months against manufacturing defects only

Custom ranges and configurations can also be built against specific requirements.

03 APPLICATIONS

- Sustained PI testing on large motors and generators
- Power transformer insulation & DAR assessment
- HV cable and switchgear insulation testing
- Substation commissioning by EPC contractors

04 WHAT'S IN THE BOX

- ✓ Mains cord, 2 metres
- ✓ 1 pair of H.V. testing leads

05 OPTIONAL ACCESSORIES

- + Rexine carrying case
- + 15-minute timer facility
- + Additional/special H.V. leads, 2m
- + Dual voltage & range option
- + Single voltage, dual range option

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All specifications are subject to change without prior notice. © Cambridge Instruments & Engg. Co. - CIE/777 Product Catalogue.