



Cambridge Instruments
& Engg. Co.

EST. 1963 · HOWRAH, INDIA

DIGITAL INSULATION TESTER · COMPACT, RECHARGEABLE

DIT-5005

3½-digit LCD · rechargeable Ni-Cd · IS 10656-1983

01 KEY FEATURES

- 3½-digit LCD, direct readout
- Rechargeable Ni-Cd cells
- Bench-top or hand-held use
- Lo-Bat indication
- Rugged ABS body



DIT-5005 · DIGITAL INSULATION TESTER

02 TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
MEASUREMENT	
Display	3½ digits, L.C.D.
Accuracy - Insulation	±3% of F.S. ±5 digits
Accuracy - Output Voltage (DC)	±10% at rated resistance
Confirms To	IS 10656-1983
Range Configuration	4 standard ranges - see table below
TEST & SAFETY	
H.V. Test	2 kV A.C. (r.m.s.), 1 min., circuit to containing case
Insulation Resistance Test	More than 50 MΩ at 500V D.C.
GENERAL	
Dimensions (L×W×H)	172 × 98 × 38 mm (approx.)
Weight	550 g (approx.)
Warranty	12 months against manufacturing defects only

03 AVAILABLE RANGES

RATED VOLTAGE	RATED RESISTANCE RANGE
500 V DC	0–200 MΩ
500 V DC	0–1000 MΩ
1000 V DC	0–200 MΩ
1000 V DC	0–2000 MΩ

Any other range can be manufactured against specific requirements.

04 APPLICATIONS

- Insulation measurement of electrical equipment (motors, transformers, machines)
- Household appliances (mixers, toasters, washing machines)
- Industrial, commercial, and residential installations
- Electrical cables for distribution and communication networks

05 WHAT'S IN THE BOX

- ✓ Carrying case
- ✓ Charging cord
- ✓ Testing lead, 1m
- ✓ Instruction manual

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All specifications are subject to change without prior notice. © Cambridge Instruments & Engg. Co. - DIT-5005 Product Catalogue.