



DIT-5005
DIGITAL
INSULATION TESTER

3½ Digit LCD Display |
Rechargeable Battery Operated |
Portable Digital Insulation Tester

The CIE DIT-5005 Digital Insulation Tester is a compact, portable instrument designed for direct measurement of insulation resistance in electrical equipment and installations. It provides quick, reliable and accurate insulation testing for motors, transformers, switchgear, power cables, rotating machinery and industrial electrical systems.

Featuring a 3½ digit LCD display, rechargeable Ni-Cd battery pack and lightweight handheld construction, the DIT-5005 is suitable for maintenance engineers, service personnel and field technicians requiring dependable insulation testing in industrial and commercial applications.



**PORTABLE
HANDHELD DESIGN**
Compact and lightweight
for field applications



**3½ DIGIT
LCD DISPLAY**
Clear digital
indication for
direct reading



**RECHARGEABLE
BATTERY POWERED**
Ni-Cd rechargeable
battery pack



**DIRECT INSULATION
RESISTANCE
MEASUREMENT**
Fast and accurate
insulation testing



**HIGH VOLTAGE
DC OUTPUT**
Available up to
1000 V DC



**CONFORMS TO
IS 10656:1983**
Manufactured to
Indian Standard

KEY FEATURES

- ✓ Portable Handheld Construction
- ✓ Large 3½ Digit LCD Display
- ✓ Rechargeable Ni-Cd Battery Operation
- ✓ Direct Digital Insulation Resistance Measurement
- ✓ Fast & Stable Reading
- ✓ Lightweight ABS Body
- ✓ Low Battery Indication
- ✓ Suitable for Field & Maintenance Applications
- ✓ High Voltage DC Insulation Testing
- ✓ Conforms to IS 10656:1983

TECHNICAL SPECIFICATIONS

Instrument Type	Digital Insulation Tester
Display	3½ Digit LCD
Output Voltage Accuracy	±10% at Rated Resistance
Insulation Accuracy	±3% F.S. ±5 Digits
Standard	IS 10656:1983
High Voltage Test	2 kV AC for 1 Minute
Insulation Resistance Test	Greater than 50 MΩ at 500 V DC
Dimensions	172 × 98 × 38 mm
Weight	550 g

AVAILABLE RANGES

The DIT-5005 Digital Insulation Tester is available in the following standard models:

- 500 V DC / 0–200 MΩ
- 500 V DC / 0–1000 MΩ
- 1000 V DC / 0–200 MΩ
- 1000 V DC / 0–2000 MΩ

STANDARD ACCESSORIES

-  Carrying Case
-  Charging Cord
-  Testing Leads (1 m)
-  Instruction Manual

IDEAL FOR



Electrical
Maintenance



Industrial
Plants



Transformers



Motors &
Generators



Switchgear
Panels



Power
Distribution



Electrical
Contractors



Utility
Services



Commissioning
Engineers



Field
Inspection