CAMBRIDGE INSTRUMENTS & ENGINEERING CO.
Instruments for Accuracy & Reliability

Professional Testing.
Field-Ready.
One Instrument.
Reliable Results.

DIGITAL EARTH RESISTANCE TESTER

Accurate Ground Resistance & Soil Resistivity Measurement for Industrial Applications

- 3½ DIGIT LCD DISPLAY
- EARTH RESISTANCE
- SOIL RESISTIVITY
- 4 TERMINAL METHOD
- RECHARGEABLE NI-CD BATTERY
- IS 9223/1979 COMPLIANT

KEY FEATURES

- **EARTH RESISTANCE**
- **SOIL RESISTIVITY** — Four terminal method
- **RECHARGEABLE NI-CD BATTERY** — Field ready operation
- **RUGGED ABS HOUSING** — Built for industrial use
- **LOW BATTERY INDICATION** — Reliable testing
- **PORTABLE DESIGN** — Handheld & bench top use

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Display	3½ Digit LCD
Accuracy	±1.5% of reading (typical)
Earth Resistivity	Yes (Soil Resistivity Measurement)
Measurement Method	Four Terminal (4-Wire)
HV Test	2 KV AC (r.m.s.) for 1 minute
Insulation Resistance	> 25 MΩ @ 500V DC
Power Source	Rechargeable Ni-Cd Cells
Low Battery Indication	LO BAT / ▲ appears on display
Dimensions (mm)	172 (L) x 98 (W) x 38 (H) Approx.
Weight	Approx. 575 grams (Including Battery)

RANGES AVAILABLE

DUAL RANGE	RANGE
1	0 – 5 – 500 Ω
2	0 – 10 – 100 Ω
3	0 – 20 – 200 Ω
4	0 – 10 – 1000 Ω
5	0 – 20 – 2000 Ω
6	0 – 200 – 2000 Ω
TRIPLE RANGE	**RANGE**
1	0 – 5 – 50 – 500 Ω
2	0 – 10 – 100 – 1000 Ω
3	0 – 20 – 200 – 2000 Ω

Other ranges available on request

STANDARD ACCESSORIES

- Carrying Case
- Charging Cord
- Instruction Manual

OPTIONAL ACCESSORIES - TESTING KIT (for DET-2000)

- 4 Nos. MS. Spikes (45cm long)
- 4 Nos. Rolls of flexible wire wound on spool (10 m, 20 m, 20 m, 30 m)
- 1 No. Hammer
- All in one carrying bag

IDEAL FOR

- POWER UTILITIES & DISTRIBUTION NETWORKS
- TELECOMMUNICATION INSTALLATIONS
- RAILWAY ELECTRIFICATION
- SUBSTATIONS & EARTHING SYSTEMS
- INDUSTRIAL INSTALLATIONS
- LIGHTNING PROTECTION SYSTEMS
- ELECTRICAL CONTRACTORS & MAINTENANCE TEAMS

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*CIE in a continuing effort to offer excellent products at a fair value, reserves the right to change models, specifications and designs without notice.