



**Cambridge Instruments
& Engg. Co.**

EST. 1963 · HOWRAH, INDIA

DIGITAL EARTH RESISTANCE TESTER

DET-2000

4-terminal · earth resistance & soil resistivity · 3½-digit LCD

01 KEY FEATURES

- 4-terminal design
- Earth resistance and soil resistivity
- 3½-digit LCD, Lo-Bat indicator
- Rechargeable Ni-Cd battery
- Rugged ABS body, handheld or bench-top

Supplied as base instrument only - testing kit (spikes, cables, hammer) available at extra cost.



DET-2000 · DIGITAL EARTH RESISTANCE TESTER

02 TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
MEASUREMENT	
Terminals	4-terminal (E1, P1, P2, E2)
Display	3½-digit LCD, with Lo-Bat indicator
Accuracy	±3% (0–10%, 90–100%); ±1.5% (10–90% of range)
Range Configuration	Dual and triple range - see table below
TEST & SAFETY	
High Voltage Test	2kV A.C. r.m.s., 1 min, circuit to containing case
Insulation Resistance Test	More than 25 MΩ at 500V D.C.
GENERAL	
Power	Rechargeable Ni-Cd cells, 230 V/50 Hz charging cord
Dimensions (L×W×H)	172 × 98 × 38 mm
Weight	Approx. 575 g
Warranty	12 months against manufacturing defects only

03 AVAILABLE RANGES (Ω)

DUAL RANGE	TRIPLE RANGE
0–5–500	0–5–50–500
0–10–100	0–10–100–1000
0–20–200	0–20–200–2000
0–10–1000	
0–20–2000	
0–200–2000	

Any other range can be manufactured against specific requirements.

04 APPLICATIONS

- Earth resistance testing - power, telecom, railway
- Domestic and industrial installation earthing checks
- Soil resistivity surveys for electrode positioning
- General non-inductive/non-capacitive resistance testing

05 WHAT'S IN THE BOX

- ✓ Carrying case
- ✓ Charging cord
- ✓ Instruction manual

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