MEXTECH ™

INSTRUMENTS OF TOMORROW

DIGITAL EARTH CLAMP METER MODEL: DECT-9AM



➢ FEATURES:

- Long Jaw size:65mm x 32mmø. The unique long Jaw is particularly suitable where grounding is done by flat steel or copper strips.
- Range:0.01Ω to 1000 Ω, leakage current: 80mA to 30A
- Maximum Resistance Measurement Resolution 0.001 Ω.
- Display 4 Digits LCD, 47x28.5 mm in length.
- Over range (OL Ω) as well as low range (L0.01 Ω) indication.
- Low bat indication and Data hold facility.
- Double insulation level and also protected from External magnetic as well as Electric field.
- Automatic range selection.
- Automatic Self Calibration.
- Single Measuring Time: 1 second.

➢ General Specifications:

- Power : 6 VDC (AA 1.5V x 4)
- Dimensions : 298mm X 90mm X 66mm (Approx.) for long jaw.
- Net Weight : Approx. 1320g for long jaw size.

➢ TECHNICAL SPECIFICATIONS:

Ranges and Accuracy at [(20 ±3˚C) 50% RH ± 10%]

Ranges	Resolution	Accuracy
0.010 – 0.099Ω	0.001Ω	±(1%+0.01Ω)
0.10 – 0.99Ω	0.01Ω	±(1% + 0.01Ω)
1.0 -49.9Ω	0.01Ω	±(1.5% + 0.1Ω)
50.0 - 99.5Ω	0.5Ω	±(2% + 0.5Ω)
100-199Ω	1Ω	±(3% + 1Ω)
200- 395Ω	5Ω	±(6% + 5Ω)
400- 590 Ω	10 Ω	±(10% + 10Ω)
600 - 1000 Ω	20 Ω	±(20% + 20Ω)

Operating Temperature: -10˚C to 55˚C

➢ APPLICATION AREAS:

- Measures Earth Resistance at electrical ground rod and grid.
- Use for testing quality of grounding without disconnecting the ground rod under test.
- Conduct field surveys fast and effectively and retrieve and analyze readings at a later time.
- Use on telecommunication Tower's grounding.
- Useful in finding earth fault such as discontinuation or loose contact of earthling strips or cables.
- To find the resistance of earth pit.

SUPPLIED ACCESSORIES:

- Carrying Case
- Standard Loop Resistance of 5.1Ω
- Instruction Manual