

DIGITAL EARTH CLAMP TESTER DECT9

APPLICATION: Digital earth Clamp Tester is applicable to use in the grounding Resistance measurement of the Power, Telecommunications, Meteorology, oilfield, construction and the industrial and electrical equipment. The tester can measure leakage current grounding system and the neutral Current.

FEATURES:

- Long Jaw size: 65mm x 32mm. The unique long Jaw is particularly suitable where grounding is done by flat steel or copper strips.
- Range: 0.01 Ω to 1000 Ω , leakage current: 0.00mA 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, Jaw opening Indication, Noise signal
- Double insulation level and also protected from External magnetic as well as Electric field.
- External Magnetic field: <40A/m
- External Magnetic field: <1V/m
- Automatic range selection & Automatic Self Calibration.
- Alarm with measured value
- Single Measuring Time: 0.5 second.
- Data Storage : 99 Groups
- Setting Range of Resistance Alarm Critical Value : 1-199 Ω
- Setting Range of Current Alarm Critical Value : 1-499mA(C type)
- Operating Temperature: -10°C to 55°C
- 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.
- Accessories: Carrying Case, Standard Loop Resistance of 5.1 Ω , Instruction Manual, Batteries



SPECIFICATION:

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	± (1.0% + 0.1Ω)
50.0 - 99.5Ω	0.5Ω	± (1.5% + 0.5Ω)
100-199Ω	1Ω	± (2% + 1Ω)
200- 395Ω	5Ω	± (5% + 5Ω)
400- 590 Ω	10 Ω	± (10% + 10Ω)
600 - 1000 Ω	20 Ω	± (20% + 20Ω)

Ranges and Accuracy of current measurement:

Range	Resolution	Accuracy
0.00mA-9.95mA	0.05mA	±2.5%+1mA
10mA-99mA	0.1mA	±2.5%+5mA
100mA-300mA	1mA	±2.5%+10mA
0.30A-2.99A	0.01A	±2.5%+0.1A
3.0A-9.9A	0.1A	±2.5%+0.3A
10A-30A	0.1A	±2.5%+0.5A