Metrix+™
Innovative Excellence

Digital Earth Resistance Tester

DET 1503

Earth Resistance Tester is designed for testing Ground wire of electric power net,as well as Earth Voltage test in the fields Of Household electric wire System and electric appliances. Tester complies with international Safety standard Ip 54 dust proof And waterproof can be used under Very bad weather.



Model Description	Digital Jumbo backlit LCD Display *Metrix+* **DET 1503**
Safety Standard	IEC 61010-1 Over Voltage CAT III 300V Pollution Degree 2 IEC 61010-2-031 IEC 61557-1,5 IEC 60529(Ip 54) Dust proof & waterproof structure of the DET 1503 can be used under very bad weather.
Measuring Range	0.00~20Ω / 0.0~200Ω / 0~2000Ω
Earth Resistance	0-200V ±2%rdg + 5 digit
Accuracy	±2%rdg±0.1Ω (20Ω) ±2%rdg±3dgt (200Ω/2000Ω)
Resolution	0.1V, 0.01Ω(20Ω), 0.1Ω(200Ω), 1Ω(2000Ω)
Response time	Earth Resistance approx 5 seconds/ Earth Voltage approx 2 seconds
Resistance Voltage	(Wire to the housing) 1500V AC 1minute without jump spark
Overload Protection	Earth Resistance Range: 200V AC(10 seconds) Earth Voltage Range: 300V AC(30 seconds)
Earth Resistance measuring time range	10 second~10 minute
Auto Power off	10 minutes no operation Auto turn off
Back Light	√
Timer set	√
Power supply	9V DC R6P (SUM-3) "AA"x 6
Operating Environment	0~40℃ RH ≥ 85% (no fog)
Storage Temperature	- 20~60℃ RH ≥ 75% (no fog)
Product net weight	675g.
Product Size	170*120*79mm
Accessories Included	Battery, Green test wire, Yellow test wire, Red test wire, 2 Grounding earth Spikes, Clipped wire,Manual & nylon carry case.