



Key Features

- ◎ 2-pole measurement does not require the auxiliary ground stake; it is easy-to-use.
- ◎ Measure earth resistance and soil resistivity by 3-pole and 4-pole measurements.
- ◎ Measure AC voltage.
- ◎ To test resistance on-service and off-service.
- ◎ Clearly read and record data.
- ◎ Removing wire resistance while 2-pole and 3-pole, ensure accurate measurements.
- ◎ Over measurement range indication.
- ◎ Automatically stop measurement while incorrect operation.

Technical parameters

Resistance measurement range	0~2000 Ω
Resolution	0.01 Ω
Accuracy	± (2%+2d)
Voltage measurement	<80V, sine wave
Current measurement	≤ 10 mA
Frequency measurement	125Hz ± 1Hz
Measurement result	average value of 2 times or 5 times
Maximum Removing Wire Resistance	5 Ω
LCD dimension	3.5 bits, height of character: 19mm
Memory capacity	15 data
Voltage measurement range	0~400V, resolution: 1V
Insulation intensity test	2500V
Power supply	4 × 1.5V AA alkaline battery
Size (L×W×H)	260×145×60 (mm)
Weight	1kg (about 3kg with accessories)
Safety and environment condition	IP54.; IEC10101-1; EMC 50081-1, 50082-1 or IEC 61326-1
Working temperature and humidity	-10℃~50℃, RH 90%
Storage temperature and humidity	-20~60℃, RH 90%

Earth resistance (Re) by 2-pole, 3-pole and 4-pole

Re range(Ω)	Resolution(Ω)	Accuracy
0~19.99	0.01	± (2%+2d)
20~199.9	0.1	± (2%+2d)
200~1999	1	± (2%+2d)

Soil resistivity (ρ) measurement

ρ range (Ω)	Resolution(Ω)	Accuracy
0~19.99	0.01	± (2%+2d)
20~199.9	0.1	± (2%+2d)
200~1999	1	± (2%+2d)
2.00K~19.99K	10	± (2%+2d)
20.0K~125.6K	100	± (2%+2d)

AC voltage measurement

Range (V)	Resolution (V)	Accuracy
0~400	1	± (2%+2d)