

MS2308 ADVANCED EARTH /GROUND TESTER

- Most advanced technique of direct, safe and quick testing of grounding conditions, test voltage at 20V or 48V and frequency at 94 /105 /111 /128 Hz selectable manually or automatically
- Current clamps for measuring earth resistance without breaking grounding connection
- Double clamps without auxiliary electrode for fast measurement of grounding resistance
- 2-pole method for measuring DC /AC resistance
- 3 or 4-pole method for measuring earth resistance
- 4-pole method for measuring soil resistivity
- **Auto Frequency Control (AFC)**: automatically identify the interference frequencies and select the proper test frequency, the affect of interference voltage is farthest reduced
- Automatically measuring the interference voltage and the leakage current, with alarm
- **Data logging**: memories for 100 groups of data
- **USB 2.0 interface** to computer
- Alarming at limited values set by user
- Clock display, auto power off
- Double battery power supply and low battery indication
- Ideal for electricians and workers in lines of electricity power distribution, telecommunication and architecture ground, etc.

Technical specifications

Test frequency: DC, or 94 /105 /111 /128 Hz, AFC
3-pole & 4-pole: AC 20/48V; 0.02 Ω ~300k Ω , $\pm 5\%$
3-pole & 4-pole with current clamp:

AC 20/48V; 0.02 Ω ~19.99k Ω , $\pm 5\%$

Double clamps: AC 48V; 0.02 Ω ~140 Ω , $\pm 10\%$

R~ 2-pole: AC 20V; 0.02 Ω ~300k Ω , $\pm 5\%$

R~ 2/4-pole: DC 20V; 0.02 Ω ~3k Ω , $\pm 5\%$

Rk (wire resistance):

AC 20/48V, DC 20V; 0.02 Ω ~29.99 Ω , $\pm 5\%$

Test short current: $\approx 260\text{mA}$

Soil resistivity: AC 20/48V, 1 Ωm ~9,999k Ωm , $\pm 5\%$

Measuring the interference:

Voltage: $\pm 1\text{V}$ ~ $\pm 50\text{VDC}$, 1~50VAC, $\pm 5\%$

Frequency: 16Hz~400Hz, $\pm 1\%$

Current: 20mA~2A, $\pm 5\%$

Data storage: 100 groups manually

Display: LCD display, with backlit, max. reading 9999

Power supply: 1.5Vx6 & NI-MH recharge 7.2V

AC Adaptor: 100V~240V, 50~60Hz; output 12VDC 3A

Dimensions: 230x125x284mm, approx. 2.5kg



REF: 032308X0000

CE (EMC), UL, CE (LVD)

Sinometer