

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; $0.02 \Omega \sim 300k \Omega$, $\pm 5\%$
3-pole & 4-pole with current clamp:

AC 20/48V; $0.02 \Omega \sim 19.99k \Omega$, $\pm 5\%$

Double clamps: AC 48V; $0.02 \Omega \sim 140 \Omega$, $\pm 10\%$

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

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

Rk (wire resistance):

AC 20/48V, DC 20V; $0.02 \Omega \sim 29.99 \Omega$, $\pm 5\%$

Test short current: $\leq 250mA$

Soil resistivity: AC 20 /48V, $1 \Omega \sim 9,999k \Omega m$, $\pm 5\%$

Measuring the interference:

Voltage: $\pm 1V \sim \pm 50VDC$, $1 \sim 50VAC$, $\pm 5\%$

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

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

Data storage: 100 groups manually

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

Power supply: 1.5V x6 & NI-MH recharge 7.5V

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

Dimensions: 230x125x284mm, approx. 7.8kg



REF: 032308X0000

CE (EMC), UL, CE (LVD)

Sinometer