

MS5205 DIGITAL INSULATION TESTER

- Test of insulation resistance upto $100G\ \Omega$ at rated voltages 250/500/1000/2500V
- Timer and lock function for insulation test
- Relative and comparison measurement
- Display Max /Min /Avg and **PI**, **DAR** values
- Auto discharge for capacitive load
- Live voltage detection
- LCD dual display with bar graph
- **Data logging** (upto 20 measures)
- Data hold, auto power off
- Safety as per IEC1010-1 Cat.III 1000V & Cat.IV 600V



Technical Specifications

Insulation tested voltage:

250/500/1000/2500V, 0~+20%

Measuring range:

250V: $0.01M\ \Omega \sim 250M\ \Omega$, $\pm 3\%$

500V: $0.01M\ \Omega \sim 500M\ \Omega$, $\pm 3\%$

1000V: $0.1M\ \Omega \sim 1,000M\ \Omega$, $\pm 3\%$

$1.00G\ \Omega \sim 5.00G\ \Omega$, $\pm 5\%$

$5.00G\ \Omega \sim 10.00G\ \Omega$, $\pm 10\%$

2500V: $0.1M\ \Omega \sim 2.00G\ \Omega$, $\pm 3\%$

$2.00G \sim 20.00G\ \Omega$, $\pm 5\%$

$20.0G \sim 100.0G\ \Omega$, $\pm 10\%$

Short circuit current: 3mA approx.

DCV: 200/1000V, $\pm 0.5\%$

ACV: 200/750V, $\pm 1.5\%$

OHM /Continuity: $20/200\ \Omega$, $\pm 0.5\%$

Continuity buzzer: $<3\ \Omega$

Battery: 1.5Vx6, alkaline, AA size

Dimensions: 140x180x65mm

Weight: approx. 893g

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by Sinometer

www.peak-meter.cn

Email: sales@peak-meter.cn