

ADVANCED MULTIMETER WITH INSULATION TESTER

MS5208

MS5208

VOLTAGE AC 750V
DC 1000V

CURRENT AC 400mA
DC 400mA

Ω **°F/°C** **AUTO**

TRMS **DAR** **REL**

LPF **MAX** **MIN** **AVG**

MEM **☆**



Features:

- ▶ Large 6600 Counts LCD Display
- ▶ Auto Range and Manual Range
- ▶ True RMS for AC Voltage and AC Current
- ▶ Linear frequency measurement for AC Voltage and AC Current
- ▶ 1K Hz Low Pass Filter Functions
- ▶ Insulation measurement for 0.01MΩ to 2GΩ
- ▶ Automatically calculates PI (Polarization Index) and DAR (Dielectric absorption ratio)
- ▶ Insulation test voltage: 50V/100V/250V/500V/1000V
- ▶ Temperature measurement: -30°C~1300°C/-22°F~2372°F
- ▶ Data Logging up to 100 groups

EMC
LVD



Specifications

MS5208

Output Voltage (Insulation)	Range	Accuracy
50V (0~20%)	0~50 MΩ	±(3%+5)
100V (0~20%)	0~100MΩ	±(3%+5)
250V (0~20%)	0~250MΩ	±(3%+5)
500V (0~20%)	0~500MΩ	±(3%+5)
1000V (0~20%)	0~2.0GΩ	±(5%+5)

Multimeter Functions

DC Voltage	600mV/6V/60V/600V/1000V	±(5%+5)
AC Voltage	600mV/6V/60V/600V/750V	±(1.5%+30)
DC Current	60mA/400mA	±(1%+5)
AC Current	60mA/400mA	±(1.5%+30)
Resistance	600Ω/6kΩ/60kΩ/600kΩ 6MΩ/60MΩ	±(1.2%+5) ±(2%+20)
Capacitance	6nF/60nF/600nF/ 6μF/60μF/600μF/6mF/60mF	±(5%+20)
Temperature (°C/°F)	-30°C~1300°C -22°F~2372°F	±(1%+2) ±(1%+4)

Features

Display	6600 counts
Auto Ranging	●
Manual Ranging	●
True RMS	For AC Voltage & AC Current
DAR/PI	For Insulation mode
REL	Relative Measurement
Low Pass Filter Function (1kHz)	For AC Voltage & AC Current
MAX/MIN/AVG	●
Data Hold	●
Data Logging	100 groups
Display Backlight	●

General

Power Supply	4x1.5V AA Batteries
Product Size	205mm×102mm×58mm/8.1"×4.0"×2.3"
Product Weight	470g/1.03lb
Safety Rating	CE CAT.III 1000V CAT.IV 600V RoHS