

53000 COUNTS AUTORANGING BENCH TOP MULTIMETER MS8050

EMC
LVD



CE



CAT.II
1000V



MS8050

VOLTAGE AC 1000V
DC 1000V

CURRENT AC 10A
DC 10A



Features:

- ▶ 53000 counts VFD Display
- ▶ ACV(TRMS)/ACV+DCV/dBm/DCV measurement up to 1000V
- ▶ 0.01Ω resistance and 1μV voltage resolution
- ▶ Logic frequency/Linear frequency and duty cycle measurement
- ▶ MAX/MIN/MAX-MIN Value, relative value, average value measurement
- ▶ Data Hold and Data Logging
- ▶ USB Interface and PC Analysis software
- ▶ Diode and Continuity Test
- ▶ 20KHz frequency response for ACV measurement
- ▶ 220V/110V Power Supply

Specifications

Specifications	Range	Accuracy
DC Voltage	50mV/500mV/5V/50V/500V/1000V	±(0.03% +6)
AC Voltage	50mV/500mV/5V/50V/500V/1000V	±(0.5% +40)
DC Current	500μA/5mA/50mA/500mA 5A/10A	±(0.15% +10) ±(0.5% +10)
AC Current	500μA/5mA/50mA/500mA 5A/10A	±(0.75% +10) ±(1.0% +10)
Resistance	500Ω/5KΩ/50KΩ/500KΩ/5MΩ 50 MΩ	±(0.1% +5) ±(0.5% +10)
Capacitance	50nF/500nF/5μF/50μF 500μF/5000μF	±(1% +10) ±(2% +10)
Logic Frequency	5Hz ~2MHz	±(0.006% +4)
Duty Cycle	10%~90%	±1.0%
Linear Frequency	5Hz~200kHz	±(0.006% +4)
Features		
Display	53000 counts	
Auto Ranging	●	
Manual Ranging	●	
Voltage & Current AC+DC Measurement	mV, V, μA, mA, A	
True RMS	For AC Voltage & AC Current	
dBm Measurement	40, 80, 160, 320, 500, 750, 930, 1100, 1250, 1350, 1500, 2000, 2500, 3000, 5000, 6000, 8000, 9000, 10000, 12000	
Relative Measurement	●	
Diode	2.5V	
Continuity Buzzer	<50Ω	
MAX/MIN/MAX-MIN/AVG	●	
Data Hold	●	
Data Logging	30 groups	
VFD Display	●	
USB Interface	Windows OS	
General		
Power Supply	220V/110V AC	
Product Size	320mm×255mm×106mm / 12.6"×10"×4.17"	
Product Weight	3112g/6.85lb	
Safety Rating	CE CAT.II 1000V RoHS	