

53000 COUNTS AUTORANGING BENCH TOP MULTIMETER MS8050

EMC
LVD



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

MS8050

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	±(0.15%+10)
	5A/10A	±(0.5%+10)
AC Current	500μA/5mA/50mA/500mA	±(0.75%+10)
	5A/10A	±(1.0%+10)
Resistance	500Ω/5KΩ/50KΩ/500KΩ/5MΩ	±(0.1%+5)
	50 MΩ	±(0.5%+10)
Capacitance	50nF/500nF/5μF/50μF	±(1%+10)
	500μF/5000μF	±(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	mV, V, μ A, mA, A
AC+DC Measurement	
True RMS	For AC Voltage & AC Current
dBm Measurement	4Ω, 8Ω, 16Ω, 32Ω, 50Ω, 75Ω, 93Ω, 110Ω, 125Ω, 135Ω, 150Ω, 200Ω, 250Ω, 300Ω, 500Ω, 600Ω, 800Ω, 900Ω, 1000Ω, 1200Ω
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