

## 22000 COUNTS AUTORANGING BENCH TOP MULTIMETER

### MS8040

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**VOLTAGE** AC 750V  
DC 1000V

**CURRENT** AC 10A  
DC 10A



#### Features:

- ▶ 22000 counts and 44 bars graph
- ▶ True RMS for AC Voltage and AC Current
- ▶ USB Interface and Analysis Software
- ▶ Data Hold / MAX / MIN / Relative Measurements
- ▶ Logic frequency / Linear frequency / Duty Cycle Measurements
- ▶ Diode Check and Continuity Test
- ▶ Temperature Measurement
- ▶ Resistance and Capacitance Measurement
- ▶ Optional Accessory Clamp for AC Current Measurement



EMC  
LVD



#### Specifications

MS8040

Specifications	Range	Accuracy
DC Voltage	200mV/2V/20V/200V/1000V	±(0.05%+6)
AC Voltage	50mV/500mV/5V/50V/500V/750V	±(0.5%+30)
DC Current	200µA/2mA/20mA/200mA	±(0.15%+15)
	10A	±(0.5%+15)
AC Current	200µA/2mA/20mA/200mA	±(0.8%+30)
	10A	±(1.0%+30)
Resistance	200Ω/2KΩ/20KΩ/200KΩ/2MΩ	±(0.1%+5)
	20 MΩ	±(0.5%+10)
Capacitance	20nF/200nF/2µF/20µF	±(1.2%+30)
	200µF/2000µF/20mF/200mF	±(2.2%+30)
Logic Frequency	20Hz~220MHz	±(0.06%+10)
Duty Cycle	5%~95%	±10%
Linear Frequency	5Hz~100kHz	±(0.06%+10)
Temperature(°C)	-30°C~1300°C	±(1%+2)
Temperature(°F)	-22°F~2372°F	±(1%+4)
Clamp DC Current	220A/2200A	±(0.1%+10)
Clamp AC Current	AC(50~60Hz) 220A/2200A	±(1%+30)
<b>Features</b>		
Display	22000 counts	
Auto Ranging	●	
Manual Ranging	●	
True RMS	For AC Voltage & AC Current	
Low pass filter (1kHz)	For AC Voltage & AC Current	
Relative Measurement	●	
Peak Measurement	●	
Diode	2.5V	
Continuity Buzzer	<50Ω	
MAX/MIN	●	
Data Hold	●	
Display Backlight	●	
USB Interface	Windows OS	
<b>General</b>		
Power Supply	220V/110V AC(50~60Hz)、1x9V 6F22 Battery、6x1.5V AA Batteries	
Product Size	238mm×230mm×83mm / 9.4"×9.1"×3.3"	
Product Weight	1360g/3.0lb	
Safety Rating	CE CAT.II 1000V RoHS	