

Digital Multimeter



6420 DM

FEATURES

- 4000 counts LCD with a maximum display of 3999
- Angled display for easier reading
- Auto ranging
- Bar graph LCD display
- Range change function
- Relative/Maximum/Minimum modes
- Peak hold mode
- VAHz mode measures frequency in voltage or current mode
- 40MHz frequency counter
- Auto Power off
- Continuity check
- Data hold function
- Low battery indication
- Over range indication
- Fuse protection
- Special hook design for convenient hanging

SPECIFICATIONS

DC Voltage

Range	Resolution	Accuracy	Input protection
400.0mV	100μV		
4.000V	1mV		
40.00V	10mV	±(0.5%rdg+3dgt)	1000V DC
400.0V	100mV		
1000V	1V		

- Input impedance: 10MΩ

AC Voltage

Range	Resolution	Accuracy	Input protection
400.0mV	100μV		
4.000V	1mV		
40.00V	10mV	±(1%rdg+5dgt)	800V AC
400.0V	100mV		
750V	1V		

- Input impedance: 10MΩ

DC Current

Range	Resolution	Accuracy	Input protection
400.0μA	0.1μA		
4000μA	1μA		
40.00mA	0.01mA	±(1%rdg+5dgt)	500mA
400.0mA	0.1mA		
10A	10mA	±(2%rdg+2dgt)	12.5A

- Overload Protection 0.5A/600V fast blow fuse for 400mA
12.5A/660V fast blow fuse for 10A

AC Current

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400.0μA	0.1μA		
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- Overload Protection 0.5A/600V fast blow fuse for 400mA
12.5A/660V fast blow fuse for 10A

Resistance

Range	Resolution	Accuracy	Max test current	Max open circuit voltage
400.0Ω	0.1Ω			
4.000kΩ	1Ω			
40.00kΩ	10Ω	±(1.5%rdg+3dgt)	0.6mA	0.25V
400.0kΩ	100Ω			
4.000MΩ	1kΩ			
40.00MΩ	10kΩ	±(2%rdg+4dgt)		

- Overload Protection 600V DC

Frequency

Range	Resolution	Accuracy
4.000kHz	1Hz	
40.00kHz	10Hz	
400.0kHz	100Hz	±(1%rdg+2dgt)
4.000MHz	1kHz	
40.00MHz	10kHz	

Continuity

Range	Resolution	Continuity beeper	Test current
400Ω	0.1Ω	< 35Ω	0.6mA

General

Low battery indication	"BATT"
Operating temperature	0°C ~ 40°C, 80% Max.
Storage temperature & humidity	-10°C ~ 50°C, 80% Max.
Dimensions	192(L) × 88.5(W) × 45(D)mm
Weight (battery Included)	Approx. 350g
Power source	1.5V (AAA) × 2
Safety standard	EN 61010-1 CAT III 600V EN 61010-2-033 EN 61326-1 Instruction manual
Accessories	Test leads Batteries Holster (optional)