



Model 6420 DM

Digital Multimeter



Features

- 4000 counts LCD with a maximum display of 3999.
- Angled display design helps the user to identify the reading of value easier.
- Auto ranging designed.
- Bar graph LCD display.
- Range change function.
- Relative/Maximum/Minimum modes.
- Peak hold mode.
- VAHz mode measures frequency in voltage or current mode.
- 40M Hz frequency counter.
- Auto Power off.
- Continuity check.
- Data hold function.
- Low battery indication.
- Over range indication.
- Fuse protection.
- Special hook design used to hang the meter for ease of use.

Specifications

DC Voltage (Input impedance : 10MΩ)

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

AC Voltage (Input impedance : 10MΩ)

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

DC & AC Current

Ranges	Resolution	Accuracy	Input protection
400.0μA	0.1μA	±(1%rdg+5dgt)	500mA
4000μA	1μA		
40.00mA	0.01mA		
400.0mA	0.1mA		
10A	10mA	±(2%rdg+3dgt)	12.5A

Frequency

Ranges	Resolution	Accuracy
4.000kHz	1Hz	±(1.0%rdg+2dgt)
40.00kHz	10Hz	
400.0kHz	100Hz	
4.000MHz	1kHz	
40.00MHz	10kHz	

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

Resistance (Overload Protection 600V DC)

Ranges	Resolution	Accuracy	Max test current	Max open circuit voltage
400Ω	0.1Ω	±(1.5%rdg+3dgt)	0.55mA	0.5V
4kΩ	1Ω			
40kΩ	10Ω			
400kΩ	100Ω			
4MΩ	1kΩ			
40MΩ	10kΩ	±(2%rdg+4dgt)	0.55mA	0.5V

Continuity

Ranges	Resolution	Accuracy	Input protection
400.0Ω	0.1Ω	< 35Ω	0.55mA

General

Low battery indication	"BATT"
Operating temperature	0°C ~ 40°C, 80% Max.
Storage temperature	-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 61326-1