

Digital Multimeter



6410 DM

FEATURES

- 3000 counts with a maximum display of 2999
- Angled display for easier reading
- Auto scanning function for AC/DC voltage, and current
- Auto ranging
- Range change function
- Continuity check
- Diode & Capacitance measurement
- Data hold function
- Low battery indication
- Over range indication
- Fuse protection
- Special hook design for convenient handling

SPECIFICATIONS

DC Voltage

Range	Resolution	Accuracy	Input protection
300.0mV	100μV		
3.000V	1mV		
30.00V	10mV	±(0.5%rdg+3dgt)	1000V DC
300.0V	100mV		
1000V	1V		

- Input impedance: 10MΩ

AC Voltage

Range	Resolution	Accuracy	Input protection
300.0mV	100μV		
3.000V	1mV		
30.00V	10mV	±(1%rdg+5dgt)	800V AC
300.0V	100mV		
750V	1V		

- Input impedance: 10MΩ

DC Current

Range	Resolution	Accuracy	Input protection
300.0μA	0.1μA		
3000μA	1μA		
30.00mA	0.01mA	±(1%rdg+5dgt)	500mA
300.0mA	0.1mA		
10A	10mA	±(2%rdg+3dgt)	12.5A

- Overload Protection 0.5A/600V fast blow fuse for 300mA
12.5A/660V fast blow fuse for 10A

AC Current

Range	Resolution	Accuracy	Input protection
300.0μA	0.1μA		
3000μA	1μA		
30.00mA	0.01mA	±(1%rdg+5dgt)	500mA
300.0mA	0.1mA		
10A	10mA	±(2%rdg+3dgt)	12.5A

- Overload Protection 0.5A/600V fast blow fuse for 300mA
12.5A/660V fast blow fuse for 10A

Resistance

Range	Resolution	Accuracy	Max test current	Max open circuit voltage
300.0Ω	0.1Ω			
3000Ω	1Ω			
30.00kΩ	10Ω	±(1.5%rdg+3dgt)	0.52mA	0.66V
300.0kΩ	100Ω			
3.000MΩ	1kΩ			
30.00MΩ	10kΩ	±(2%rdg+4dgt)		

- Overload Protection 600V DC

Frequency

Range	Resolution	Accuracy
3.000kHz	1Hz	
30.00kHz	10Hz	±(1.0%rdg+2dgt)
100.0kHz	100Hz	

Continuity

Range	Resolution	Continuity beeper	Test current
300Ω	0.1Ω	< 30Ω	0.52mA

Capacitance

Range	Resolution	Accuracy
3000pF	1pF	
30nF	10nF	
300nF	100nF	
3μF	1nF	±(3%rdg+10dgt)
30μF	10nF	
300μF	100nF	
3mF	1μF	
30mF	10μF	

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. 345g
Power source	1.5V (AAA) × 2
Safety standard	EN 61010-1 CAT III 600V EN 61326-1
Accessories	Instruction manual Test leads Batteries Holster (optional)