



# Model 6400 DM

## Digital Multimeter



### Features

- 4000 counts LCD with a maximum display of 3999
- Angled display for easier reading
- Auto ranging
- Range change function
- Continuity check
- Diode measurement
- Data hold function
- Low battery indication
- Over range indication
- Fuse protection
- Special hook design for convenient hanging

### Specifications

#### DC Voltage (Input impedance : 10M $\Omega$ )

Ranges	Resolution	Accuracy	Input protection
400.0mV	100 $\mu$ V		
4.000V	1mV		
40.00V	10mV	$\pm(0.5\%rdg+3dgt)$	1000V DC
400.0V	100mV		
1000V	1V		

#### AC Voltage (Input impedance : 10M $\Omega$ )

Ranges	Resolution	Accuracy	Input protection
400.0mV	100 $\mu$ V		
4.000V	1mV		
40.00V	10mV	$\pm(1\%rdg+5dgt)$	800V DC
750V	1V		

#### Continuity

Ranges	Resolution	Accuracy	Input protection
400.0 $\Omega$	0.1 $\Omega$	< 25 $\Omega$	0.55mA

#### Resistance (Overload Protection 600V DC)

Ranges	Resolution	Accuracy	Max test current	Max open circuit voltage
400 $\Omega$	0.1 $\Omega$			
4k $\Omega$	1 $\Omega$			
40k $\Omega$	10 $\Omega$	$\pm(1.5\%rdg+3dgt)$	0.55mA	0.5V
400k $\Omega$	100 $\Omega$			
4M $\Omega$	1k $\Omega$			
40M $\Omega$	10k $\Omega$	$\pm(2\%rdg+4dgt)$	0.55mA	0.5V

#### Frequency

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

#### DC & AC Current

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

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

#### General

Low battery indication	"BATT"
Operating temperature	0 $^{\circ}$ C ~ 40 $^{\circ}$ C, 80% Max.
Storage temperature	-10 $^{\circ}$ C ~ 50 $^{\circ}$ C, 80% Max.
Dimensions	192(L) $\times$ 88.5(W) $\times$ 45(D)mm
Weight (battery included)	Approx. 350g
Power source	1.5V (AAA) $\times$ 2
Safety standard	EN 61010-1 CAT III 600V EN 61326-1

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