

# POCKET TYPE DIGITAL MULTIMETER

TRUE RMS READING

### Model MCD-010



- \* Cord Reel Type
- \* Size : 72(W) × 114(H) × 22.5(D)mm
- \* Weight : Approx. 110g

#### FEATURES

- Ultra compact size and light weight.
- Easy operation with rotary switch.
- AC/DC voltage, resistance, continuity check and diode test with full autoranging operation.
- 3200 count full scale with bargraph display.
- Low power consumption with auto power off function.

#### SPECIFICATIONS

Display	: 3½ digit LCD, max. reading of 3200
Polarity	: Automatic, (-)negative polarity indication.
Over range indication	: "OL" mark on LCD readout
Low battery indication	: "□" mark is displayed when the battery voltage drops below operating voltage
Sampling	: 2 times/sec.
Auto power off	: The meter is set to power off mode approx. 10 minutes after the power switch on.
Operating temperature	: 0°C to 40°C, <70% RH(Non-condensing)
Storage temperature	: 20°C to 60°C, <80%RH(Non-condensing)
Power supply	: LR-44 (1.55V) × 2
Power consumption	: 5.0mW
Accessories	: Instruction manual..... 1 Batteries..... 2

#### DC Voltage

Range	Resolution	Accuracy	Input resistance	Max. input
320mV	100µV	±1.3% rdg ±3 dgt	>1000MΩ	500V DC or AC rms
3.2V	1mV	±0.7% rdg ±3 dgt	Approx. 11MΩ	
32V	10mV	±1.3% rdg ±3 dgt	Approx. 10MΩ	
320V	100mV			
500V	1V			

#### AC Voltage (50/60Hz)

Range	Resolution	Accuracy	Input resistance	Max. input
3.2V	1mV	±1.3% rdg ±5 dgt	Approx. 11MΩ	500V DC or AC rms
32V	10mV	±2.0% rdg ±6 dgt	Approx. 10MΩ	
320V	100mV			
500V	1V			

#### Resistance

Range	Resolution	Accuracy	Test current	Input protection
320Ω	100mΩ	±2.0% rdg ±5 dgt	< 0.7mA	500V DC or AC rms
3.2KΩ	1Ω	±2.0% rdg ±3 dgt	< 0.13mA	
32KΩ	10Ω		< 13µA	
320KΩ	100Ω		< 1.3µA	
3.2MΩ	1KΩ	±6.0% rdg ±4 dgt	< 0.13µA	
32MΩ	10KΩ	±10% rdg ±10 dgt		

#### Diode Test

Range	Resolution	Accuracy	Test current	Input protection
3.2V	1mV	±10% rdg ±3 dgt	Approx. 0.7mA (Vf=0.6V)	500V DC or AC rms

#### Continuity Check

Range	Resolution	Accuracy	Test current	Input protection
320Ω	100mΩ	< Approx.20Ω	< 0.7mA	500V DC or AC rms



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