

POCKET TYPE DIGITAL MULTIMETER



Model MCD-008

FEATURES

- Easy operation with rotary switch.
- AC/DC voltage, resistance, continuity check and diode test with full auto ranging 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. 10minutes 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 |
| Size | MCD-008 114(H) × 72(W) × 22.5(D)mm |
| Weight | Approx. 100g (MCD-008) (Including batteries and case) |
| Accessories | : Hard cover case 1 Instruction manual 1 Batteries 2 |

Measuring ranges

DC Voltage

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

AC Voltage (50/60Hz)

| Range | Resolution | Accuracy | Input resistance | Max. input |
|-------|------------|-----------------|------------------|-------------------|
| 3.2V | 1mV | ±2.3% rdg ±6dgt | Approx. 11MΩ | 500V DC or AC rms |
| 32V | 10mV | | Approx. 10MΩ | |
| 320V | 100mV | | | |
| 500V | 1V | | | |

Resistance

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

Diode Test

| Range | Resolution | Accuracy | Test current | Input protection |
|-------|------------|----------------|-------------------------|-------------------|
| 3.2V | 1mV | ±10% rdg ±3dgt | 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 |



Innovative Technologies

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