



XDM1041 Bench-type Digital Multimeter



- + 3.7-inch high-resolution LCD, providing a clear display
- + Display max 55,000 counts
- (> 4 1/2 digits), DC voltage accuracy up to 0.05%
- + Multiple measurement functions: DC/AC Voltage, DC/AC Current, resistance, capacitance measurement, continuity test, diode test, temperature measurement, AC and frequency (AC + Hz) measurement, MAX/MIN/average measurement, relative measurement (REL %)
- + Reading rates up to 65 readings per second
- + AC True RMS measurement, measurement bandwidth: 20 Hz - 1kHz
- + Manual or auto record the measured data into internal memory, and displayed in table
- + SCPI supported, remote control the multimeter through PC software via USB (or RS232) port
- + AC power supply for continuous use, maintenance-free

Data Record Function

Supports manual or auto recording 1000 data points to the internal memory, auto recording time interval can be set from 15 ms to 9999 s.

| Trigger | | | Auto |
|---------|------|-------------|----------|
| NO | MODE | VALUE | Point |
| 1 | DCV | -00.362mVDC | 1000 |
| 2 | DCV | -00.362mVDC | Interval |
| 3 | DCV | -00.362mVDC | 0000.015 |
| 4 | DCV | -00.362mVDC | Start |
| 5 | DCV | -00.362mVDC | |
| 6 | DCV | -00.362mVDC | |
| 7 | DCV | -00.362mVDC | |
| 8 | DCV | -00.362mVDC | |
| 9 | DCV | -00.362mVDC | |

| Range | Function | Back |
|------------|----------|------|
| Auto 50 mV | DCV | |

Dual display supported

Supports dual display of AC voltage (or current) and frequency measurements



Math

The multimeter can do calculations for you (relative, max, min, average, dBm), saving time and effort



| | Measurement Range | Resolution | Accuracy: \pm (% of reading + LSB) |
|------------------------------|---|--------------------|--|
| DC Voltage | 50.000 mV | 0.001 mV | 0.1% + 10 |
| | 500.00 mV | 0.01 mV | 0.05% + 5 |
| | 5.0000 V | 0.0001 V | 0.05% + 5 |
| | 50.000 V | 0.001 V | 0.05% + 5 |
| | 500.00 V | 0.01 V | 0.1% + 5 |
| | 1000.0 V | 0.1 V | 0.1% + 10 |
| True RMS AC Voltage | 500 mV – 750 V | 20 Hz – 45 Hz | 1% + 30 |
| | | 45 Hz – 65 Hz | 0.5% + 30 |
| | | 65 Hz – 1 kHz | 0.7% + 30 |
| DC Current | 500 μ A | 0.01 μ A | 0.15% + 20 |
| | 5000 μ A | 0.1 μ A | 0.15% + 10 |
| | 50 mA | 0.001 mA | 0.15% + 20 |
| | 500 mA | 0.01 mA | 0.15% + 10 |
| | 5 A | 0.0001 A | 0.5% + 10 |
| | 10 A | 0.001 A | 0.5% + 10 |
| True RMS AC Current | 500 μ A – 500 mA | / | 0.5% + 20 |
| | 5 A – 10 A | | 1.5% + 20 |
| Resistance | 500 Ω | 0.01 Ω | 0.15% + 10 |
| | 5 k Ω | 0.0001 k Ω | 0.15% + 5 |
| | 50 k Ω | 0.001 k Ω | 0.15% + 5 |
| | 500 k Ω | 0.01 k Ω | 0.15% + 5 |
| | 5 M Ω | 0.0001 M Ω | 0.3% + 5 |
| | 50 M Ω | 0.001 M Ω | 1% + 10 |
| Diode | 3.0000 V | 0.0001 V | 1% + 10 |
| Continuity | 1000 Ω | 0.1 Ω | Adjustable threshold |
| Frequency | 10.000 Hz – 60 MHz | / | \pm (0.2% + 10) |
| Capacitance | 50 nF – 500 μ F | / | 2.5% + 10 |
| | 5 mF – 50 mF | 0.1 Ω | 5% + 10 |
| Temperature | | K type, PT100 | |
| Max Display | | 55,000 counts | |
| Data-logging Function | | | |
| Logging Interval | | 15 mS – 9999.999 S | |
| Logging Length | | 1,000 points | |
| General | | | |
| Display Screen | 3.7-inch TFT LCD with resolution 480*320 | | |
| Port | USB port or RS232 port, choose one of the two | | |
| Dimensions (W×H×D) | 200 x 86.5 x 64 (mm) | | |
| Device Weight | Approx. 0.45 kg | | |

Specifications subject to change without prior notice.

Accessories

The accessories subject to final delivery.



Power Cord



Quick Guide



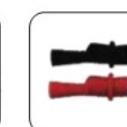
USB Cable



Fuse



Multimeter Lead



Alligator Clip

