

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	Back
Range		Function	
Auto 50 mV		DCV	

Dual display supported

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

●Trigger			Dual	Switch	Exit	Exit	ACV
0.1377							Range
V AC							Auto
50.032 Hz							Function
5 V							V
Freq							Speed
Range							Low
Auto 5 V							Exit
Function							Rel
ACV							Off

Math

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

●Trigger			dB/dBm
103.99			Mode
dBm			On
Range			Function
Auto 5 V			dBm
Function			Rel R
DCV			50Ω
			Back

●Trigger			MAX/MIN
-00.353			Display
mV DC			On
Range			Clear
Auto 50 mV			
Function			
DCV			
			Back

MAX	MIN	Average
-00.340mV	-00.357mV	-00.352mV

	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