

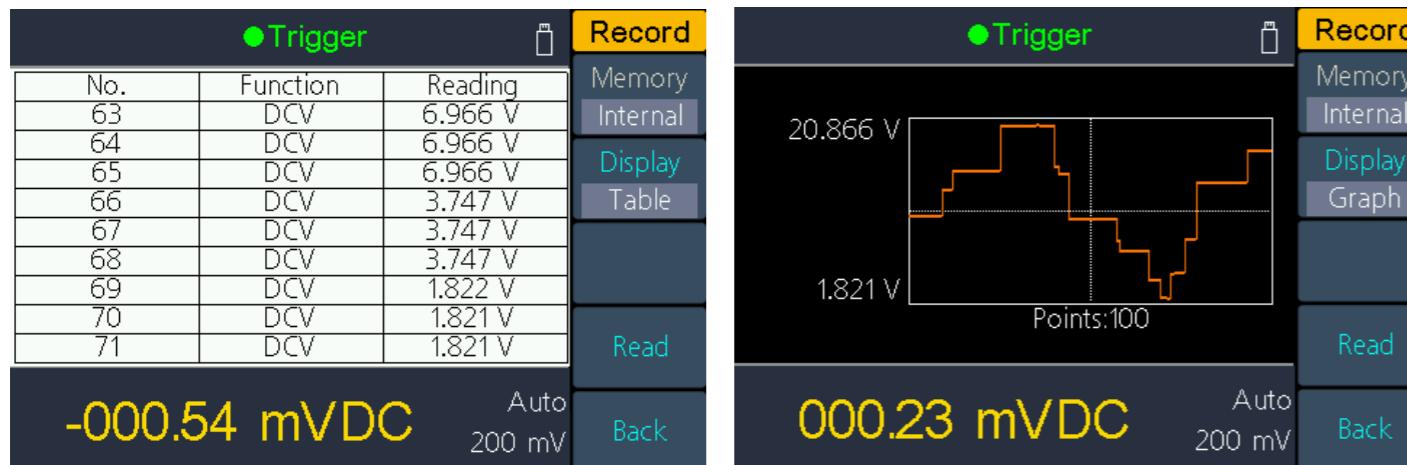
XDM Series Bench-type Digital Multimeter



- + 4 inch 480 x 320 pixels high resolution LCD
- + resolutions up to 5 1/2 digits
- + reading rates up to 150 readings/s
- + true RMS AC voltage / current measurement
- + dual line display supported
- + the change trend analysis accessible via special chart mode
- + SCPI supported - remote control, and data-sharing possible via LAN, USB, RS232 port, and WiFi*
- * WiFi module is optional
- + multi- IO interface: USB Device / Host, RS232, LAN, and ext. trigger input

Data-logger Mode

during recording the measurement value, possible to set the logging duration (min. 5ms), and length, then get access to chart or table result



Performance Specifications

XDM3051	Measurement Range	Frequency Range	Accuracy: 1 Year ± (% of reading +% of range)
DC Voltage	200mV, 2V, 20V, 200V, 1000V	/	0.015 ± 0.004
True RMS AC Voltage	200mV, 2V, 20V, 200V, 750V	20Hz - 45Hz	1.5 + 0.10
		45Hz - 20kHz	0.2 + 0.05
		20kHz - 50kHz	1.0 + 0.05
		50kHz - 100 kHz	3.0 + 0.05
DC Current	200.000 μA	/	0.055 + 0.005
	2.00000 mA		0.055 + 0.005
	20.0000 mA		0.095 + 0.020
	200.000 mA		0.070 + 0.008
	2.00000 A		0.170 + 0.020
	10.0000 A		0.250 + 0.010
True RMS AC Current	20.0000 mA, 200.000 mA 2.00000 A, 10.0000 A	20Hz - 45Hz	1.5 + 0.10
		45Hz - 2kHz	0.50 + 0.10
		2kHz - 10kHz	2.50 + 0.20

XDM3051	Measurement Range	Frequency Range	Accuracy: 1 Year ± (% of reading +% of range)
Resistance	200.000 Ω	/	0.030 + 0.005
	2.00000 kΩ		0.020 + 0.003
	20.0000 kΩ		0.020 + 0.003
	200.000 kΩ		0.020 + 0.003
	2.00000 MΩ		0.040 + 0.004
	10.0000 MΩ		0.250 + 0.003
	100.000 MΩ		1.75 + 0.004
Diode Test	2.0000 V	/	0.05 + 0.01
Continuity	2000Ω	/	0.05+0.01
Frequency Period	20 Hz - 2 kHz	200 mV - 750 V	0.01 + 0.003
	2 kHz - 20 kHz		0.01 + 0.003
	20 kHz - 200 kHz		0.01 + 0.003
	200 kHz - 1 MHz		0.01 + 0.006
20 mA - 10 A	20Hz-2kHz	Test Current	0.01 + 0.003
	2 kHz - 10 kHz		0.01 + 0.003
Capacitance	2.000 nF	200 nA	3 + 1.0
	20.00 nF	200 nA	1 + 0.5
	200.0 nF	2 μA	1 + 0.5
	2.000 μF	10 μA	1 + 0.5
	200 μF	100 μA	1 + 0.5
	10000 μF	1 mA	2 + 0.5
Temperature	temperature sensors under 2 categories supported - thermocouple (ITS-90 conversion between B / E / J / K / N / R / S / T type), and thermal resistance (RTD sensor conversion between Pt100 and Pt385 type)		
Miscellaneous	barometer bar charts, trend chart Vavg, Vmax, Vmin standard deviation DB / DBm Pass / Fail		
Data-logger Function			
Logging Duration	5ms		
Logging Length	1M points		
General			
Dimension (W x H x D)	235 x 110 x 295 (mm)		
Device Weight	3.00 kg		

Specifications subject to change without prior notice.

Application

electronic circuit debugging
education and training circuit testing
automobile maintenance and testing design and manufacture

Accessories

The accessories subject to final delivery.

Power Cord	CD Rom	User's Manual	USB Cable	Fuse	Multimeter Lead	Alligator Clip