

XDM3041

Bench-type Digital Multimeter

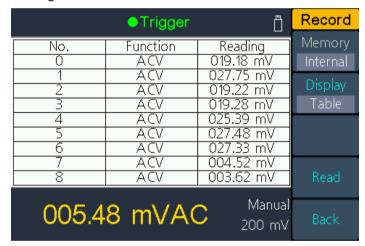


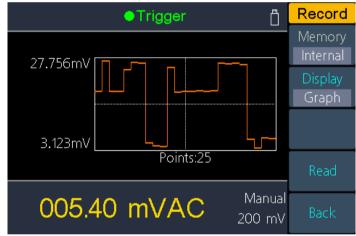
- + 4 inch 480 x 320 pixels high resolution LCD
- + resolutions up to 4 1/2 digits
- + reading rates up to 150 readings/s
- + true RMS AC voltage / current measurement
- + dual line display supported
- + the change trend analysis accessible via special chart mode
- + SCPI supported remote control, and 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

XDM3041	Measurement Range	Frequency Range	Accuracy: 1 Year ± (% of reading +% of range)
DC Voltage	600mV, 6V, 60V, 600V, 1000V	/	0.02±0.01
True RMS AC Voltage	600mV, 6V, 60V, 600V, 750V	20Hz - 50Hz	2 + 0.10
		50Hz - 20kHz	0.2 + 0.06
		20kHz -50kHz	1.0 + 0.05
		50kHz -100 kHz	3.0 + 0.08
DC Current	600.00 μΑ	/	0.06 + 0.02
	6.0000 mA		0.06 + 0.02
	60.000 mA		0.1 + 0.05
	600.00 mA		0.2 + 0.02
	6.000 A		0.2 + 0.05
	10.0000 A		0.250 + 0.05
True RMS AC Current	60.000 mA, 600.00 mA, 6.0000 A, 10.000 A	20Hz - 45Hz	2 + 0.10
		45Hz - 2kHz	0.50 + 0.10
		2kHz - 10kHz	2.50 + 0.20

VDM2041	Measurement Range	Frequency Range	Accuracy: 1 Year ± (% of reading +% of range)	
XDM3041 Resistance	Measurement Range 600.00 Ω	rrequency kange	0.040 + 0.01	
	6.0000 kΩ		0.030 + 0.01	
	60.000 kΩ		0.030 + 0.01	
	600.00 kΩ		0.040 + 0.01	
	6.0000 ΜΩ		0.120 + 0.03	
	60.000 ΜΩ		0.90 + 0.03	
	100.00 ΜΩ		1.75 + 0.03	
Diode Test	3.0000 V	/	0.5 + 0.01	
Continuity	1000Ω	/	0.5 + 0.01	
Frequency	200 mV - 750 V	20 Hz - 2 kHz	0.01 + 0.003	
		2 kHz - 20 kHz	0.01 + 0.003	
		20 kHz - 200 kHz	0.01 + 0.003	
Period		200 kHz - 1 MHz	0.01 + 0.006	
	20 mA - 10 A	20Hz-2kHz	0.01 + 0.003	
	20 MA - 10 A	2 kHz - 10 kHz	0.01 + 0.003	
		Test Current		
	2.000 nF	200 nA	3 + 1.0	
Capacitance	20.00 nF	200 nA	1 + 0.5	
	200.0 nF	2 μΑ	1 + 0.5	
	2.000 μF	10 μΑ	1 + 0.5	
	200 μF	100 μΑ	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	barmeter 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 circuit testing design and manufacture education and training automobile maintenance and testing

+ Accessories

The accessories subject to final delivery.













Multimeter Alligator Clip Lead

Power Cord

Manual

USB Cable

Fuse