owon®

XDM3051   Bench-type Digital Multimeter
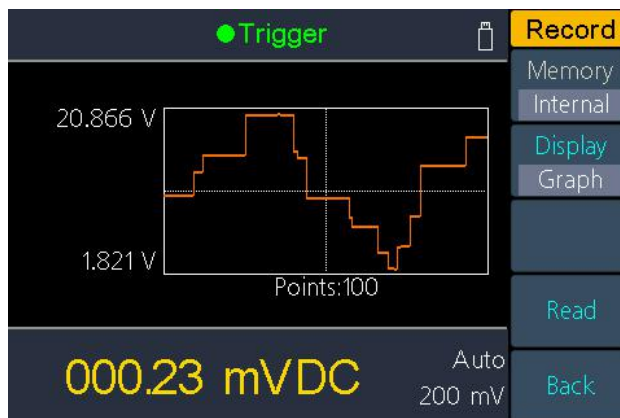
+ 4 inch 480 x 320 pixels high resolution LCD
+ resolutions up to 5 1/2 digits
+ reading rates up to 150 readings/s
+ true RMS AC voltage / current measurement
+ dual line display supported
+ the change trend analysis accessible via special chart mode
+ SCPI supported - remote control, and data-sharing
   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

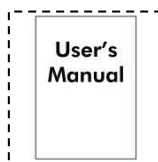| XDM3051	Measurement Range	Frequency Range	Accuracy: 1 Year ± (% of reading +% of range)
DC Voltage	200mV, 2V, 20V, 200V, 1000V	/	0.015±0.004
True RMS AC Voltage	200mV, 2V, 20V, 200V, 750V	20 Hz - 45 Hz	1.5 + 0.10
		45 Hz - 20 kHz	0.2 + 0.05
		20 kHz - 50 kHz	1.0 + 0.05
		50 kHz - 100 kHz	3.0 + 0.05
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	20 Hz - 45 Hz	1.5 + 0.10
		45 Hz - 2 kHz	0.50 + 0.10

		2 kHz - 10 kHz	2.50 + 0.20
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	2000 Ω	/	0.05 + 0.01
Frequency Period	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
		200 kHz - 1 MHz	0.01 + 0.006
	20 mA - 10 A	20 Hz - 2 kHz	0.01 + 0.003
		2 kHz - 10 kHz	0.01 + 0.003

		Test Current	
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)
Other functions	Bar meter, histogram, trend chart, Max. Min. value, average value, 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)
Weight (without package)	3.00 kg

Specifications subject to change without prior notice.

+ Accessories The accessories subject to final delivery.
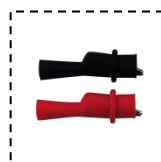

Power Cord   Manual   USB   Fuse   Multimeter Lead   Alligator Clip

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