

# XDM1041 Digital Multimeter



- + 55,000 counts , DC voltage accuracy up to 0.05%
- + Up to 65 readings per second
- + True RMS AC voltage / current measurement
- + Data record function, you can record the measured data into internal memory, and then read and process the recorded data with your computer
- + Dual line display supported
- + SCPI support
- + Using our powerful and easy to use interface, you can access, store, process and manage your data, by simply displaying your results in form of a table.
- + 3.7 inch high-resolution LCD, providing a clear display

## + Performance Specifications

	Measurement Range	Resolution	Accuracy $\pm$ (% of reading + % of range)
DC Voltage	50.000mV	0.001mV	0.1%+10
	500.00mV	0.01mV	0.05%+5
	5.0000V	0.0001V	0.05%+5
	50.000V	0.001V	0.05%+5
	500.00V	0.01V	0.1%+5
	1000.0V	0.1V	0.1%+10
AC Voltage	500mv-750v	20Hz~45Hz	1% + 30
		45Hz~65Hz	0.5% + 30
		65Hz~1KHz	0.7% + 30
DC Current	500uA	0.01uA	0.15%+20
	5000uA	0.1uA	0.15%+10
	50mA	0.001mA	0.15%+20
	500mA	0.01mA	0.15%+10
	5A	0.0001A	0.5%+10
	10A	0.001A	0.5%+10
AC Current	500uA-500mA	/	0.5%+20
	5A-10A		1.5%+20
Resistance	500 $\Omega$	0.01 $\Omega$	0.15%+10
	5K $\Omega$	0.0001K $\Omega$	0.15%+5
	50K $\Omega$	0.001K $\Omega$	0.15%+5
	500K $\Omega$	0.01K $\Omega$	0.15%+5
	5M $\Omega$	0.0001M $\Omega$	0.3%+5
	50M $\Omega$	0.001M $\Omega$	1%+10

	Measurement Range	Resolution	Accuracy $\pm$ (% of reading + % of range)
Frequency	10.000Hz – 60MHz	/	$\pm$ (0.2%+10)
Capacitance	50nF-500uF	/	2.5%+5
	5mF-50mF		5%+10
Diode	3.0000 V	0.0001V	/
Continuity	1000 $\Omega$	0.1 $\Omega$	Adjustable threshold
Temperature	K type , PT100		
Max Display	55,000 counts		

#### Data-logging Function

Logging Duration	15ms-9999.999s
Logging Length	1,000 points

#### General

Display Screen	3.7- inch TFT LCD with resolution 480*320
Dimensions (W×H×D)	235 x 88x 64 (mm)
Device Weight	Approximately 0.45kg