

Bench-type True RMS Digital Multimeter

multicomp PRO



Features

- 4" 480 × 320 pixels high resolution LCD Display
- Resolutions up to 5-1/2 digits
- Reading rates up to 150 readings/s
- True RMS AC voltage / current measurement
- Dual line display supported
- Data-logger Function
- 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

Performance Specifications

Parameters	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 - 100kHz	3.0 + 0.05
DC Current	200.000µA 2.00000mA 20.0000mA 200.000mA 2.00000A 10.0000A	-	0.055 + 0.005
			0.055 + 0.005
			0.095 + 0.020
			0.070 + 0.008
			0.170 + 0.020
			0.250 + 0.010
True RMS AC Current	20.0000mA, 200.000mA, 2.00000A, 10.0000A	20Hz - 45Hz	1.5 + 0.10
		45Hz - 2kHz	0.50 + 0.10
		2kHz - 10kHz	2.50 + 0.20
Resistance	200.000Ω 2.00000kΩ 20.0000kΩ 200.000kΩ 2.00000MΩ 10.0000MΩ 100.000MΩ	-	0.030 + 0.005
			0.020 + 0.003
			0.020 + 0.003
			0.020 + 0.003
			0.040 + 0.004
			0.250 + 0.003
			1.75 + 0.004
Diode Test	2.0000V	-	0.05 + 0.01
Continuity	2000Ω	-	0.05 + 0.01

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Parameters	Measurement Range	Frequency Range	Accuracy: 1 Year \pm (% of reading +% of range)
Frequency Period	200mV - 750V	20Hz - 2kHz	0.01 + 0.003
		2kHz - 20kHz	0.01 + 0.003
		20kHz - 200kHz	0.01 + 0.003
		200kHz - 1MHz	0.01 + 0.006
	20mA - 10A	20Hz - 2kHz	0.01 + 0.003
		2kHz - 10kHz	0.01 + 0.003
Test Current			
Capacitance	2.000nF	200nA	3 + 1.0
	20.00nF	200nA	1 + 0.5
	200.0nF	2 μ A	1 + 0.5
	2.000 μ F	10 μ A	1 + 0.5
	200 μ F	100 μ A	1 + 0.5
	10000 μ F	1mA	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 \times H \times D)	235mm \times 110mm \times 295mm		
Weight (without package)	3kg		
Standard Accessories Included	Multimeter Lead, USB cable, Manual, Fuse, Alligator Clip, Power cord		
Power Supply	100V AC to 240V AC, 50/60Hz		
Power Cord Plug Type	UK / EU		
Warranty	12 months		

Part Number Table

Description	Part Number
Bench-type True RMS Digital Multimeter	MP730028 EU-UK

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