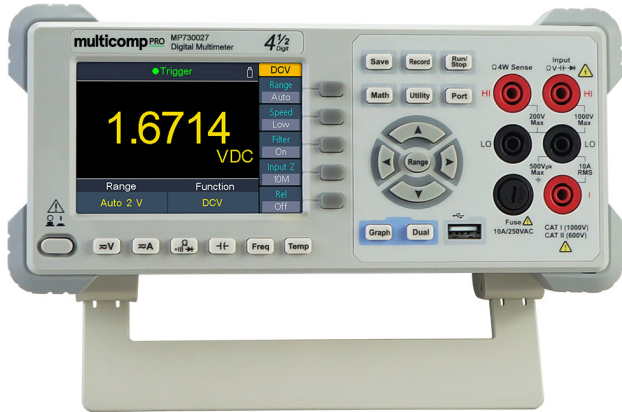


# Bench-type True RMS Digital Multimeter

**multicomp** PRO



## Features

- 4" 480 × 320 pixels high resolution LCD Display
- Resolutions up to 4-1/2 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	600mV, 6V, 60V, 600V, 1000V	-	0.02 ±0.01
True RMS AC Voltage	600mV, 6V, 60V, 600V, 750V	20Hz - 50Hz	2 + 0.1
		50Hz - 20kHz	0.2 + 0.06
		20kHz - 50kHz	1 + 0.05
		50kHz - 100kHz	3 + 0.08
DC Current	600.00µA 6.0000mA 60.000mA 600.00mA 6.000A 10.0000A	-	0.06 + 0.02
			0.06 + 0.02
			0.1 + 0.05
			0.2 + 0.02
			0.2 + 0.05
			0.250 + 0.05
True RMS AC Current	60.000mA, 600.00mA, 6.0000A, 10.000A	20Hz - 45Hz	2 + 0.10
		45Hz - 2kHz	0.50 + 0.10
		2kHz - 10kHz	2.50 + 0.20
Resistance	600.00Ω 6.0000kΩ 60.000kΩ 600.00kΩ 6.0000MΩ 60.000MΩ 100.00MΩ	-	0.040 + 0.01
			0.030 + 0.01
			0.030 + 0.01
			0.040 + 0.01
			0.120 + 0.03
			0.90 + 0.03
			1.75 + 0.03
Diode Test	3.0000V	-	0.5 + 0.01
Continuity	1000Ω	-	0.5 + 0.01

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Parameters	Measurement Range	Frequency Range	Accuracy: 1 Year $\pm$ (% of reading + % of range)
Frequency Period	600mV - 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
	60mA - 10A	20Hz - 2kHz	0.01 + 0.003
		2kHz - 10kHz	0.01 + 0.003
<b>Test Current</b>			
Capacitance	2.000nF	200nA	3 + 1.0
	20.00nF	200nA	1 + 0.5
	200.0nF	2 $\mu$ A	1 + 0.5
	2.000 $\mu$ F	10 $\mu$ A	1 + 0.5
	200 $\mu$ F	100 $\mu$ A	1 + 0.5
	10000 $\mu$ 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		
<b>Data-logger Function</b>			
Logging Duration	5ms - 1000s		
Logging Length	1M points		
<b>General</b>			
Dimension (W x H x D)	235mm x 110mm x 295mm		
Weight (without package)	3kg		
Standard Accessories Included	Multimeter Lead, USB cable, User Manual, Fuse, Alligator Clip, Power cord		
Power Supply	100V AC to 240V AC		
Power Cord Plug Type	UK / EU		
Warranty	12 months		

## Part Number Table

Description	Part Number
Bench-type True RMS Digital Multimeter	MP730027 EU-UK

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