Benchtop Digital Multimeter   multicomp PRO

RoHS Compliant

Features

- 3.5 inch high resolution LCD, providing a clear display
- Display max 55,000 counts, DC voltage accuracy up to 0.05%
- Multiple measurement functions: DC/AC Voltage, DC/AV Current, resistance, capacitance measurement, continuity test, diode test, temperature measurement, AC and frequency (AC + Hz) measurement, Max/Min/average measurement (REL_%)
- Reading rates upto 65 readings per second
- AC True RMS measurement, measurement bandwidth: 20 Hz to 1kHz
- Manual or auto record the measured data into internal memory, and displayed in table
- SCPI supported, remote control the multimeter through PC software via USB (orRS232) port
- AC Power supply for continuous use, maintenance-free

General Specifications

Display Screen	3.5-inch TFT LCD with resolution 480 × 320
Operating Environment	Full temperature from 0°C to 50°C, 80% RH and 40°C, non-condensing Storage Temperature: -20°C to 70°C
Remote Interface	RS232 or USB Device
Programmer Language	Standard SCPI, compatible with commands of main stream multimeters
Warm Up Time	30 minutes
Dimension (W×H×D)	200mm × 86.5mm × 64mm
Weight	0.45 kg

Technical Specifications

Function	Range[1]	Resolution	Accuracy: ± (% of reading + LSB)[2]
DC Voltage	50.000 mV	0.001 mV	0.1% + 10
	500.00 mV	0.01 mV	0.05% + 5
	5.0000 V	0.0001 V	0.05% + 5
	50.000 V	0.001 V	0.05% + 5
	500.00 V	0.01 V	0.1% + 5
	1000.0 V[3]	0.1 V	0.1% + 10
True RMS AC Voltage[4]	500 mV – 750 V	20 Hz – 45 Hz	1% + 30
		45 Hz – 65 Hz	0.5% + 30
		65 Hz – 1 kHz	0.7% + 30

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

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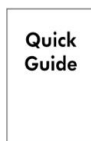
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Function	Range[1]	Resolution	Accuracy: ± (% of reading + LSB)[2]
DC Current	500 uA	0.01 uA	0.15% + 20
	5000 uA	0.1 uA	0.15% + 10
	50 mA	0.001 mA	0.15% + 20
	500 mA	0.01 mA	0.15% + 10
	5 A	0.0001 A	0.5% + 10
	10 A[5]	0.001 A	0.5% + 10
True RMS AC Current[6]	500 uA – 500 mA	20 Hz – 1 kHz	0.5% + 20
	5 A – 10 A		1.5% + 20
Resistance[7]	500 Ω	0.01 Ω	0.15% + 10
	5 kΩ	0.0001 kΩ	0.15% + 5
	50 kΩ	0.001 kΩ	0.15% + 5
	500 kΩ	0.01 kΩ	0.15% + 5
	5 MΩ	0.0001 MΩ	0.3% + 5
	50 MΩ	0.001 MΩ	1% + 10
Diode	3.0000 V	0.0001 V	1% + 10
Continuity	1000 Ω	0.1 Ω	Adjustable threshold
Frequency	10.000 Hz – 60 MHz[8]	/	± (0.2% + 10)
Capacitance[9]	50 nF – 500 uF	/	2.5% + 10
	5 mF – 50 mF	0.1 Ω	5% + 10
Temperature	K type, PT100		
Display	55,000		
Record Interval	15 mS – 9999.999 S		
Record Length	1,000 points		

Accessories

The accessories subject to final delivery.

Power Cord   Quick Guide   USB Cable   Multimeter Lead   Fuse

Part Number Table

Description	Part Number
Benchtop Digital Multimeter, 3.5" LCD, 55000 Counts	MP730889

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