

Digital Multimeter

multicompPRO



MP730007



MP730008

Description

MP730007 and MP730008 are 6000 count palms sized multimeters with auto and manual range respectively. These CE/ETL certified multimeters are CAT III 600V, which can withstand 6000kV surge voltage. These are designed with high voltage warning and over range alarm, making this series great for a wide range of meet measure needs.

Features

- Smart appearance with comfy handle
- Pass 2-meter drop test
- Large LCD screen with 6000 counts display, true RMS measurement, fast ADC digital converter (3 times/s)
- Overload protection with alert
- Extensive range for capacitance measurement, short response time. E.g. When measuring <10mF, response time<6s
- Support NCV, frequency (MP730007) and battery (MP730008) measurement.
- Support up to 600V/10AAC/DC current and voltage measurement
- Backlight installed for dim occasions
- Energy saving

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Specifications

Basic Functions	MP730007		MP730008	
	Range	Best Accuracy	Range	Best Accuracy
DC Voltage (V)	600mV/6V/60V/600V	$\pm(0.5\% + 3)$	600mV/6000mV/60V/600V	$\pm(0.5\% + 3)$
AC Voltage (V)	600mV/6V/60V/600V	$\pm(0.7\% + 3)$	600V	$\pm(1.2\% + 3)$
DC Current (A)	600uA/6000uA/60mA/ 600mA/6A/10A	$\pm(1.0\% + 3)$	600uA/60mA/600mA/10A	$\pm(1\% + 2)$
AC Current (A)	600uA/6000uA/60mA/ 600mA/6A/10A	$\pm(1.2\% + 3)$	-	-
Resistance (Ω)	600 Ω /6k Ω /60k Ω /600k Ω / 6M Ω /60M Ω	$\pm(0.8\% + 2)$	600 Ω /6000 Ω /60k Ω / /600k Ω /60M Ω	$\pm(0.8\% + 2)$
Capacitance (F)	9.999nF/99.99nF/999.9nF/ 9.999 μ F/99.99 μ F/999.9 μ F/ 9.999mF	$\pm(4\% + 5)$	9.999nF/99.99nF/999.9nF/9.999 μ F /99.99 μ F/999.9 μ F/9.999mF	$\pm(4\% + 5)$
Frequency	10Hz-1MHz	$\pm(0.1\% + 5)$	-	-
Temperature	-40°C to 1000°C (-40°F to 1832°F)	$\pm(1.0\% + 5)$ $\pm(1.5\% + 5)$	-	-
Battery Test	-	-	1.5V/9V	$\pm(2.5\% + 3)$

MP730007			MP730008		
Special Functions	Range	Best Accuracy	Special Functions	Range	Best Accuracy
Display Count		6000	Display Count		6000
Auto Range		✓	Manual Range		✓
NCV		✓	NCV		✓
Diode		✓	Diode		✓
Continuity Buzzer		✓	Continuity Buzzer		✓
LCD backlight		✓	LCD backlight		✓
Data Hold		✓	Data Hold		✓
Relative Mode		✓	Relative Mode		✓
Auto Power Off		✓	Auto Power Off		✓
Low Battery Indication		✓	Low Battery Indication		✓
Input Impedance for DCV	Around 10M Ω	✓	Input Impedance for DCV	Around 10M Ω	✓

General Characteristics

Power	: 1.5V battery (R03) x 2
LCD Size	: 51mm x 22mm
Product Net Weight	: 255g (with batteries)
Product Size	: 155mm x 76.5mm x 49mm
Standard Warranty	: 12 Months
Standard Accessories	: Test leads, K-type thermocouple for MP730007 Test leads for MP730008

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Part Number Table

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