



English

Product Datasheet

Stock No: 161-1628

Smart Digital Multimeter, Auto Selection

EN



Function

NCVF unction: While the meter is on, NCV will work. If AC voltage within the specified range is present, the LED to flash AutoSelect-meter will default to voltage on power-up. Meter will autoselect AC or DC. When in Continuity or Resistance modes, if meter detects Voltage(upwards 2.6 V) it will automatically switch to Voltage mode. Unit will not automatically switch from Voltage to Continuity/Resistance. User can manually cycle the mode by pressing the large center button.

Automatic Power-Off (APO): Once the meter is turned on, it will automatically turn off in 15 minutes of no activity. Making a voltage, resistance or continuity measurement will reset the APO timer.

General Specifications

Meter type	Auto-detecting Digital Multi-meter
AC Voltage	600 V
AC Response	True rms
ACV Bandwidth	40 Hz to 1000 Hz
Power Supply	1.5V*2 "AAA" Batteries
Operating Altitude	2,000m (6,562 ft.) Input Impedance > 10M Ω V dc > 9M Ω V ac
Operating Temperature	0°C/32°F to 50°C/122°F less than 75%RH
Storage Temperature	-20°C/-4°F to 60°C/140°F less than 80%RH
Accuracy Temperature	18°C/64°F to 28°C/82°F less than 75%RH
Sampling Frequency	3 samples per second
Display	4000 Count Backlight LCD
Leads	1m
Over Range Indication	"OL": is displayed
Calibration	Accurate for one year
Standards	UL 61010-1, Ed.2, Revision date 2008/10/28 CSA C22.2 No. 61010-1, Edition 2, Rev. date 2008/10/01
Pollution Degree	2
Accuracy	\pm (% of reading + # of least signi_ cant digits)
Ingress Protection	IP67 Certified
Drop Protection	2 m
Safety Rating	CAT IV 600 V

Specifications

Accuracy is given at 65°F to 83°F (18°C to 28°C), less than 70% relative humidity. All AC voltage ranges are specified from 5% to 100% of range.

	Range	Resolution	Accuracy
AC Voltage	400	0.1 V	±(1.0% ±5)
	600	1 V	
DC Voltage	400	0.1 V	±(1.0% ±5)
	600	1 V	
Resistance	400 Ω	0.1 Ω	±(2.0% ± 10) 【1】
	4 KΩ	1 Ω	
	40 KΩ	10 Ω	
	400 KΩ	100 Ω	

【1】 Below 40Ω , ±(2.0% ± 18)