

DM800/DM800R

Compact multimeters.

Backlit display

6000 count display

AC up to 750V

DC up to 1000V

Diode check

Auto power off

Ideal users: ■ Electrical Contractors ■ Service Engineers
■ Electricians

This series of Multimeters is designed with practicality and ease of function in mind. Slim shaped with a hand operated rotary switch, the DM's give a 6000 count backlit digital display. They can be carried in a protective holster (supplied) which includes a built-in tilt stand, a hook hole and some convenient test lead storage. A true RMS reading is given on the DM800R. Both are rugged with long battery life, these products have everything you need.



SPECIFICATIONS

AC Voltage

Range	0V-750V
Max Resolution	0.1mV
Accuracy	+/- (0.9%+5d)
Overload Protection	750V rms

DC Voltage

Range	0V-1000V (DM800R)
Max Resolution	0.1mV
Accuracy	+/- (0.5%+2d)
Overload Protection	1000V rms

AC Current

Range	0A-10A (DM800R)
Max Resolution	1mA
Accuracy	+/- (1.5%+5d) 50Hz – 500HZ
Overload Protection	mA input 600V rms for (DM800R)

DC Current

Range	0mA - 6mA (DM800) 0A - 10A (DM800R)
Max Resolution	0.1 uA
Accuracy	+/- (1.0%+2d)
Overload Protection	mA input 600V rms A input (500V) Fast blow fuse

Resistance

Range	0ohm - 60Mohm
Max Resolution	0.1 ohm
Accuracy	+/- (0.7%+2d) 600.0 - 600.0K +/- (1.0%+2d) 6.000M +/- (1.5%+2d) 60.00M
Overload Protection	600V rms

Frequency

Range	0Hz-60MHz
Max Resolution	1Hz
Accuracy	+/- (0.01%+1d)
Overload Protection	600V rms

Capacitance

Range	0Hz-6000 uF
Max Resolution	1pF
Accuracy	+/- (1.9%+8d)
Overload Protection	600V rms

ADDITIONAL INFORMATION

Diode Test	Open Circuit Voltage: 3V
Input Protection	600V rms
Display	6000 count
Overload Indication	“OL” or “-OL”
Auto Power Off	Approx 10 minutes
Safety Standard	meets IEC61010-1/UL 31111 Specification
Battery Life	Alkaline 300 Hours
Power Requirement	IEC LR03 AM4 or AAA size 1.5 V x2
Weight & Dimentions	0.4kg / 8.2cm x 16.4cm x 4.4cm
Power Requirement	NEDA 1604, IEL6F22, JIS006P 9V battery

ACCESSORIES

Hardware

Proving units:
 PPX (112A910)
 PP1 (112A911)
 PP2 (112A912)

DM800 part no: 317A910
 DM800R part no: 318A910