

DM800/DM800R Technical Specification

Test	Range	Lowest Resolution	Accuracy	Overload Protection	Input Impedance
<i>AC Voltage</i>	600.0mV - 750V	0.1mV	+/- (0.9% +5d)	750V rms	10 Mohm
<i>DC Voltage</i>	600.0mV - 1000V	0.1mV	+/- (0.5% +2d)	1000V rms	10 Mohm
<i>AC Current</i>	6.000A 10.00A (DM800R)	0.1mA	+/- (1.5% +5d) 50Hz - 500 Hz	mA input 600V rms for (DM800)	
<i>DC Current</i>	600.0μA 6000μA 6.000A 10.00A (DM800R)	0.1μA	+/- (1.0% +2d)	μA input 600V rms A input 10A (500V) fast blow fuse for (DM800R)	
<i>Resistance</i>	600.0 ohm – 60.00Mohm	0.1ohm	+/- (0.7% +2d) 600.0 ohm - 600.0 Kohm +/- (1.0 % + 2d) 6.000 Mohm +/- (1.5% + 2d) 60.00 Mohm	600 Vrms	
<i>Frequency</i>	6000Hz - 60.00MHz	1 Hz	+/- (0.01 % + 1d)	600V rms	
<i>Capacitance</i>	6nF - 6mF	1pF	+/- (1.9% + 8d)	600V rms	

General:

Diode Test:	Open Circuit Voltage: 3V
Input Protection:	600 V rms
Overload Indication:	“OL” or “- OL”
Auto Power Off:	Approx 10 minutes
Safety Standard:	meets IEC61010-1/UL 3111 Specifications
Battery Life in Hours	300
Power Requirement:	DM800IEC LR03 AM4 or AAA size 1.5 V x2
Power Requirement:	DM800R NEDA1604, IEL6F22, JIS006P 9V battery
Size (WxLxH):	76mm x 158mm x 38mm without holster 82mm x 164mm x 44mm with holster
Weight:	400g