

DATA SHEET

MANUAL RANGE MULTIMETER M830A

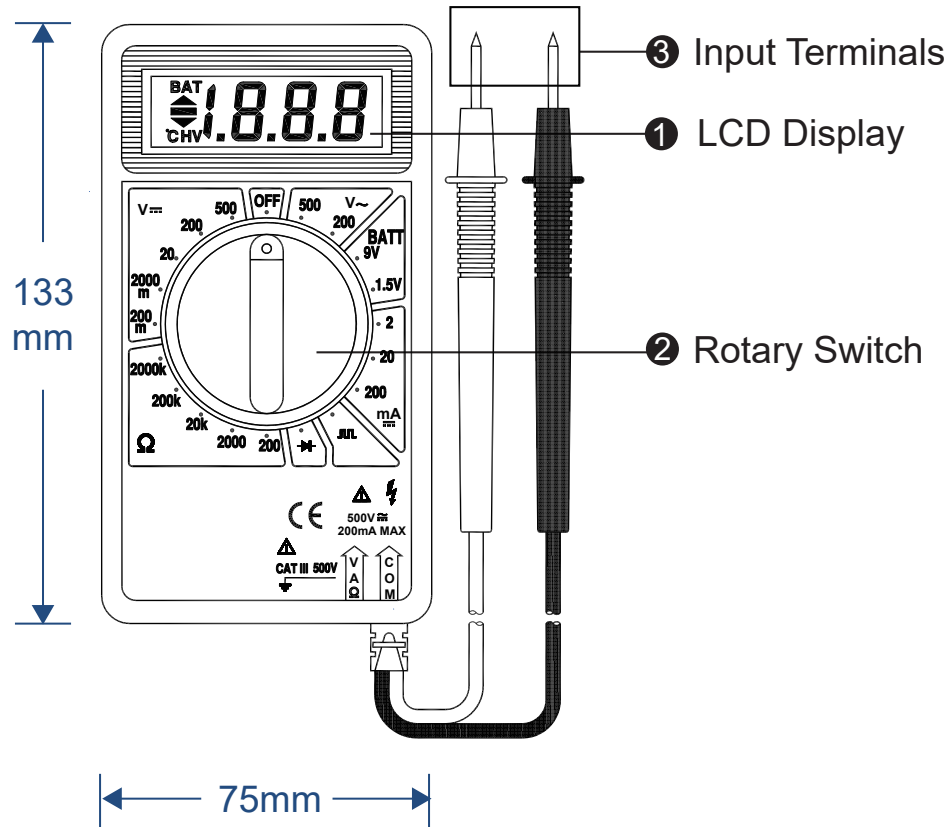
PRODUCT HIGHLIGHTS



- 1999 Counts Digital Multimeter
- Voltage Measurement up to 500V AC/ DC
- Current Measurement up to 200mA DC
- Resistance Measurement up to 2000kΩ
- Diode Test
- Battery Test
- Battery 9V (6F22) x 1



1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display/ char. height: 7-segment characters/ 12.83 mm
- Number of digits: 3 $\frac{1}{2}$ / 1999 steps
- Overflow display: "1" is displayed
- Polarity display: "_ "displayed automatically
- Sample rate: 3 times/ sec for digital data

3. TECHNICAL SPECIFICATIONS

	M830A
DC Voltage	200mV/ 2V/ 20V/ 200V/ 500V±(0.8%+2)
AC Voltage	200V/ 500V±(1.2%+10)
DC Current	2mA/ 20mA/ 200mA±(1.5%+2)
AC Current	-
Resistance	200Ω/ 2000Ω/ 20kΩ/ 200kΩ/ 2000kΩ±(1.0%+2)
Capacitance	-
Frequency	-
Temperature	-
Display Counts	1999
Safety Rating	CAT III 500V
LCD Size	46 x 15 mm
Continuity Buzzer	-
Diode Test	•
Battery Test	1.5V/ 9V
Power	9V battery (6F22) x 1
Size	133 x 75 x 42 mm
Weight	~228g (without battery)

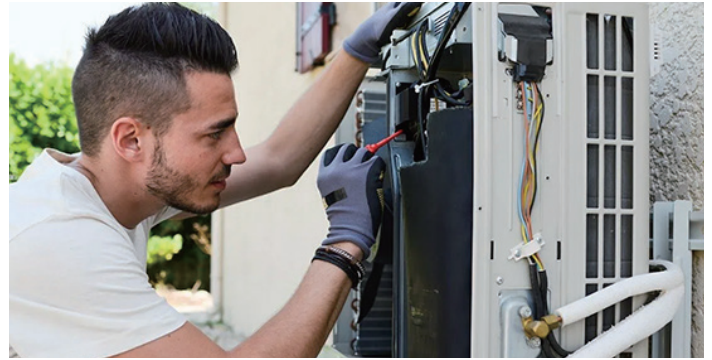
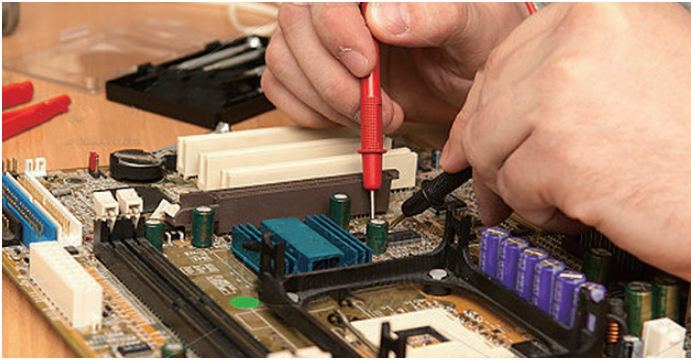
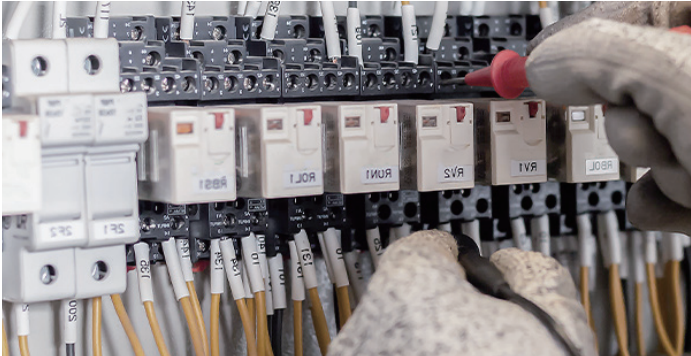
4. GENERAL SPECIFICATIONS

Function	Value
Electrical protection class	CAT III 500 V
Pollution degree	2
Operating altitude	< 2000 m
Operating temperature/ humidity	0°C~40°C, 32°F~104°F (<80% RH, <10°C non-condensing)
Storage temperature/ humidity	-15°C~50°C, 5°F~122°F (<80% RH, battery removed)
Typical temperature coefficient	0.1 x (specified accuracy) / °C (<18°C or >28°C)
Low battery indicator	The "BAT" is displayed when the battery is under the proper operation range
EMC	EN 61326-1
Safety LVD	EN 61010-1 EN 61010-031 EN 61010-033
Fuse	F250mA/ 600V Φ 6 x 30 mm
Power supply	9V (6F22) x 1
Dimension/ weight	133(L) x 75(W) x 42(H) mm/ Approx 228g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
M830A	Digital Multimeter	1 Piece
	Test Leads	1 Set
	User Manual	1 Piece
	Battery 9V (6F22)	1 Piece
	Box	1 Piece

6. APPLICATIONS



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