DATASHEET

MANUAL RANGE MULTIMETER – M830E

PRODUCT HIGHLIGHTS

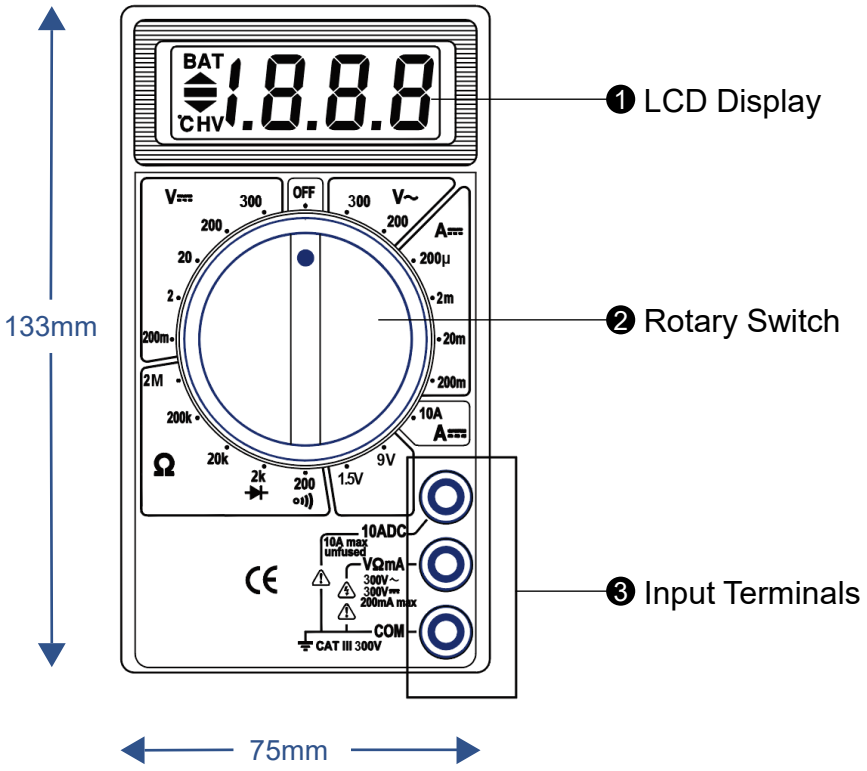


- 1999 Counts Digital Multimeter
- Voltage Measurement up to 300V AC/DC
- Current Measurement up to 10A DC
- Resistance Measurement up to 2MΩ
- Continuity Buzzer
- Diode Test
- Battery Test
- Low Battery Indication
- Battery 9V (6F22) x1

V≅ A⎓ Ω BATT

1999 6F22x1

1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display/char. height: 7-segment characters/12.83 mm
- Display counts: 1999
- Overflow display: "I" is displayed
- Polarity display: "_" displayed automatically
- Sample rate: 3 times/sec for digital data

3. TECHNICAL SPECIFICATIONS

	M830E
DC Voltage	200mV/2000mV/20V/200V/300V ± (0.8%+5)
AC Voltage	200V/300V ± (1.5%+10)
DC Current	200μA/2000μA/20mA/200mA/10A ± (3.0%+7)
AC Current	○
Resistance	200Ω/2000Ω/20kΩ/200kΩ/2MΩ ± (1.0%+4)
Capacitance	○
Frequency	○
Temperature	○
Display Counts	1999
Safety Rating	CAT III 300V
LCD Size	46 x 15mm
Continuity Buzzer	●
Diode Test	●
Battery Test	1.5V/9V
Low Battery Indication	●
Power	Battery 9V (6F22) x1
Size	133 x 75 x 42mm
Weight	~228g (Holster and battery included)

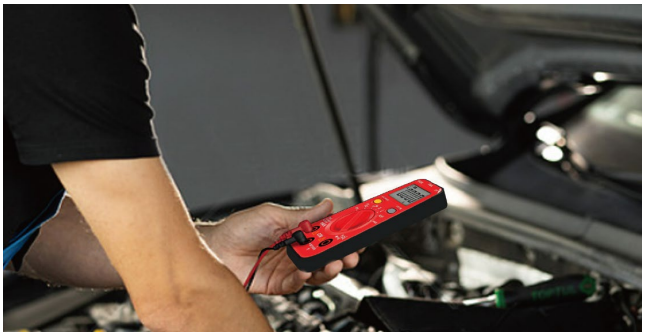
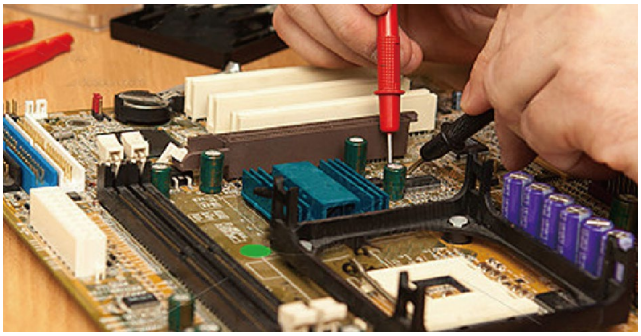
4. GENERAL SPECIFICATIONS

Function	Value
Electrical Protection Class	CAT III 300V
Pollution Degree	2
Operating Altitude	<2000m
Operating Temperature/Humidity	0° C~40° C, 32° F~104° F (<80%RH, non-condensing)
Storage Temperature/Humidity	-15° C~50° C, 5° F~122° F (<80%RH, battery removed)
Low Battery Indicator	The “BATT” 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	F 250mA/300V, Φ5x20mm F 10A/300V, Φ5x20mm
Power Supply	Battery 9V (6F22) x1
Dimension/Weight	133(L) x 75(W) x 42(H) mm / Approx 228g (Holster and battery included)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
M830E	Digital Multimeter	1 Piece
	Test Leads	1 Set
	User Manual	1 Piece
	Battery 9V (6F22)	(not included)
	Box	1 Piece

6. APPLICATIONS


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*Datasheet subject to change without notice