

## Manual Ranging Digital Multimeters

Compact pocket size 3½ digit Multimeters. They are ideal for use by electricians, electronic engineers, general industry and laboratories. A single positive click action rotary selection switch provides ease of use. They offer multi-function measurement capability and 220Vrms overload protection. **Note: 10A range is unfused.**

- Impact-resistant ABS plastic case
- 22mm LCD display with large digits and function indicators
- Manual Ranging via single positive click action rotary switch
- Auto Polarity indication
- Fast Blow Fuse for overload protection
- Supplied with 2 test leads and battery

### MDM-830C Additional Features:

- Measures Temperature
- Supplied with a thermocouple wire probe

### Technical Specifications

	<b>Voltage AC</b>	<b>Voltage DC</b>
<b>Range</b>	200V, 750V	200mV, 2000mV, 20V, 200V, 1000V
<b>Resolution</b>	100mV, 1V	100µV, 1mV, 10mV, 100mV, 1V
<b>Accuracy</b>	±1.2% ±10 digits	±0.5%DCV ±2 digits
	<b>Current DC</b>	
<b>Range</b>	200µA (MDM-830D only) 2000µA, 20mA, 200mA, 10A	
<b>Resolution</b>	100nA, 1µA, 10µA, 100µA, 10mA	
<b>Accuracy</b>	±1.2% ±2 digits	
	<b>Resistance (Ohms)</b>	
<b>Range</b>	200, 2000, 20K, 200K, 2000K Ω	
<b>Resolution</b>	100m, 1, 10, 100, 1K Ω	
<b>Accuracy</b>	±0.8% ± 2 digits	
<b>Diode Test</b>	Max open circuit 2.8V	
<b>Continuity</b>	Audible beeper if resistance is less than 100Ω	
	<b>Temperature (MDM-830C only)</b>	
<b>Range</b>	-20° to 1,370°C	
<b>Resolution</b>	1°C	
<b>Accuracy</b>	±3°C ± 2 digits >150°C	