



DE-16

### FEATURES :

- Auto Range
- High Speed Bar Graph 32 Segments
- Auto Power Off
- Data Hold
- Attachable Cover Flip Design
- Low Power Consumption
- Attachable Test Lead

### SPECIFICATIONS:

- LCD Display:3200 counts
- Sampling Rate:Approx. 2 times / sec. -Numeral display,  
Approx. 12 times / sec. -Bar graph
- Over Range Protection:"OL" Display
- Low battery indication **BT**.
- Battery:Li-Ion Cell Battery LR-44x2 or SR-44x2
- Safety Standard - UL approved E200293  
IEC 61010 500V CATII, 300V CATIII

### TEMP. / HUMIDITY:

- Operating:0~50°C (32°F~122°F) / Below 80% R.H.  
(no condensation)
- Storage:-10~60°C (14°F~140°F) / Below 70% R.H.  
(no condensation)

### ACCESSORIES:

- Instruction Manual ..... 1
- LR-44 Button Cell (installed)..... 2
- Test Lead (black + red attached with Meter)... 1

### DIMENSION & WEIGHT:

- 117(H)x76(W)x18(D)mm  
(4.61"x2.99"x0.71")
- Approx. 110g(0.24 lbs.)

### MEASUREMENT RANGES: (23°C ± 5°C, 80% R.H. MAX.) Accuracy ± (%rdg + dgt)

Measurement	Range	Resolution	Accuracy	Input Impedance	Remarks
$\overset{\sim}{V}$ (DCV)	320mV	0.1mV	0.8%+4	>100MΩ	_____
	3.2V	0.001V		Approx. 11MΩ	
	32V	0.01V	1.3%+4	Approx. 10MΩ	
	320V	0.1V			
	500V	1V			
$\overset{\sim}{V}$ (ACV)	3.2V	0.001V	2.3%+8	Approx. 11MΩ	■Accuracy in the case of sine wave AC: 45Hz~400Hz
	32V	0.01V		Approx. 10MΩ	
	320V	0.1V			
	500V	1V			
$\Omega$ (Resistance)	320Ω	0.1Ω	2.0%+4	<0.7mA	■Open voltage : approx. 1.3V The measuring current changes according to the resistance of the resistor to measure.
	3.2kΩ	0.001kΩ		<0.13mA	
	32kΩ	0.01kΩ		<13μA	
	320kΩ	0.1kΩ		<1.3μA	
	3.2MΩ	0.001MΩ	3.5%+4	<0.13μA	
	32MΩ	0.01MΩ	10%+5		
$\bullet\text{---}\bullet$ (Continuity Check)	320Ω	0.1Ω	Buzzer sounds at <Approx. 20Ω	<0.7mA	■Open voltage : approx. 1.3V
$\rightarrow$ (Diode Test)	3V	1mV	10%+5	Approx. 0.6mA	■Open voltage : approx. 3V
Measurement	Range	Resolution	Accuracy	Remarks	
(BATT. Test)	1.5V	1mV	10%+5		