

Pocket D.M.M

DE-11



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FEATURES :

- Super Slim & Light Design
- Auto Range
- Auto Power Off Selection
- 3 3/4 Digits 4000 Counts LCD Display
- 29 Ranges Of Measurement
- Capacitance Measurement
- Hz / Duty Measurement
- Relative Measurement
- Data Hold
- Leather Case Holder
- Interlocking Test Leads

DIMENSION & WEIGHT:

- 110(L) x 56(W) x 11.5(H)mm
(4.3"x2.2"x0.45")
- Approx. 97g (0.21 lbs.)
(Including Battery & Leather Case)

ACCESSORIES:

- Instruction Manual 1
- CR2032 Li-Ion Cell (installed)..... 1
- Test Lead (black + red attached with Meter)... 1
- Leather Case..... 1

SPECIFICATIONS:

- **LCD Display:** 3 3/4 Digits With 4000 Counts
- **Sampling Rate:** Approx. 3 Times / Sec.
- **Low Battery:** Symbol Display
- **Battery:** Li-Ion Cell Battery CR2032 (3V) x 1
- **Battery Life:** Approx. 200 Hours At DCV
- **Safety Standards:** IEC 61010 600V CAT.II,
300V CAT.III Pollution Degree 2

TEMP. / HUMIDITY:

- **Operation:** 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)

MEASUREMENT RANGES: (23°C ± 5°C, 80% RH MAX.)

*Accuracy: ± (%rdg+dgt)

Measurement	Range	Resolution	Accuracy	Input Resistance	Remarks
\underline{V} (DCV)	400mV	0.1mV	0.7%+3	≥100MΩ	
	4V	0.001V		Approx. 11MΩ	
	40V	0.01V	1.3%+3	Approx. 10MΩ	
	400V	0.1V			
	600V	1V			

Measurement	Range	Resolution	Accuracy	Input Resistance	Remarks
\underline{V} (ACV)	4V	0.001V	2.3%+10	Approx. 11MΩ	<ul style="list-style-type: none"> ■ Accuracy in the case of sine wave ■ Frequency range 40~500Hz
	40V	0.01V			
	400V	0.1V	2.3%+5	Approx. 10MΩ	
	600V	1V			

Measurement	Range	Resolution	Accuracy	Remarks
Ω	400Ω	0.1Ω	2%+5	<ul style="list-style-type: none"> ■ Open voltage: Approx. 0.4V ■ The measuring current changes in accordance with the resistance measured.
	4kΩ	0.001kΩ		
	40kΩ	0.01kΩ		
	400kΩ	0.1kΩ	5%+5	
	4MΩ	0.001MΩ		
	40MΩ	0.01MΩ	10%+5	

Measurement	Range	Resolution	Accuracy	Remarks
\rightarrow (DIODE)	4V	0.001V	10%+5	■ Open voltage: Approx. 1.5V

Measurement	Range	Resolution	Remarks
$\bullet\bullet$ (BUZZER)	400Ω	0.1Ω	<ul style="list-style-type: none"> ■ Buzzer sounds at less than 60 ± 20Ω ■ Open voltage: Approx. 0.4V

Measurement	Range	Resolution	Accuracy	Remarks
\updownarrow (CAP)	4nF	0.001nF	5%+25	<ul style="list-style-type: none"> ■ Accuracy is subject to zero set by pressing relative key before forwarding measurement.
	40nF	0.01nF		
	400nF	0.1nF	5%+10	
	4μF	0.001μF		
	40μF	0.01μF	10%+15	
	200μF	0.1μF		

Measurement	Range	Resolution	Accuracy	Remarks
Hz	9.999Hz	0.001Hz	0.7%+5	<ul style="list-style-type: none"> ■ Accuracy in the case of sine wave. 9.999Hz~9.999kHz:10Vrms min. 99.99kHz:40Vrms min.
	99.99Hz	0.01Hz		
	999.9Hz	0.1Hz		
	9.999kHz	0.001kHz		
	99.99kHz	0.01kHz		

Measurement	Range	Resolution	Accuracy	Remarks
DUTY	0.1~99%	0.1%	—	<ul style="list-style-type: none"> ■ About input sensitivity and frequency characteristic: (Square wave DUTY 50% input) 2.5V 0 to peak input: ≥ 1kHz 6V 0 to peak input: ≥ 10kHz 40V 0 to peak input: ≥ 70kHz