

**POCKET TYPE DIGITAL MULTIMETER**

**New Model MCD-107**

**FEATURES**

- ? Ultra compact size and weight
- ? Easy operation with rotary switch
- ? 4000count full scale with autoranging
- ? Auto Power Off Function

**MEASURING RANGES & ACCURACY**

(23± 5? , < 80%RH no-condensing)

Function	Range	Accuracy	Input Resistance	Remark
DC Voltage	400.0mV	± (0.7%rdg+3dgt)	more than 100MΩ	
	4.000V	± (1.3%rdg+3dgt)	approx. 11MΩ	
	40.00V		Approx. 10MΩ	
	400.0V			
	500V			
AC Voltage	4.000V	± (2.3%rdg+10dgt)	approx. 11MΩ	
	40.00V		approx. 10MΩ	
	400.0V			
	500V	± (2.3%rdg+5dgt)		
Resistance	400.Ω	± (2.0%rdg+5dgt)	Opening Voltage : Approx.0.4V Current Voltage is changing up to resistance value to be measured	
	4.000KΩ			
	40.00KΩ			
	4.000MΩ	± (5.0%rdg+5dgt)		
	40.00MΩ	± (10%rdg+5dgt)		
Capacitance	40.00nF	± (5.0%rdg+10dgt)	Accuracy : after cancelled the display value by relative function	
	400.0nF			
	4.00μF			
	40.0μF	± (10%rdg+15dgt)		
	100.0μF			
Frequency	9.999Hz	± (0.7%rdg+5dgt)	? at AC sine wave Sensitivity of input voltage 9.999Hz~ 9.999MHz: more than 10Vrms 99.99KHz: more than 40Vrms	
	99.99Hz			
	999.9Hz			
	9.999KHz			
	99.99KHz			
Duty	0.1~99%		Input Sensitivity & Frequency Characteristic (Rectangular Wave Input Duty 50%) 2.5V 0 to peak input? 1KHz 6V 0 to peak input? 10KHz 40V 0 to peak input? 70KHz	
Continuity Check	Beeping 10~ 600 · Opening Voltage: approx. 0.4V			
Diode Test	Opening Voltage: approx.1.5V			



**GENERAL SPECIFICATIONS**

- Display : LCD, max.reading of 4000
- Polarity : Automatic (-)negative indication
- Over range indication : "OL" mark on LCD readout
- Low battery indication :  
"B" mark is displayed when the battery voltage drops below operating voltage
- Sampling : 3 times/sec.
- Operating temperature : 0~40? , < 80% RH (non-condensing)
- Storage temperature : - 10~50? , < 70% RH (non-condensing)
- Power Supply : Lithium battery CR2032(3V)× 1
- Power consumption : Approx.6.0mW(typical at DVC)
- Size & Weight : 98(H)× 59(W)× 9.5(D)mm
- Accessories : Book type Cover case -----1  
Instruction Manual -----1  
Battery ----- 1