

POCKET TYPE DIGITAL MULTIMETER

Model MCD-107



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°C, <80%RH (non-condensing)
Storage temperature	: -10~50°C, <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

FEATURES

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

MEASURING RANGES & ACCURACY

Function	Range	Accuracy	Input Resistance	Remark
DC Voltage	400.0mV	$\pm(0.7\%rdg+3dgt)$	more than 100MΩ	
	4.000V		approx.11MΩ	
	40.00V	$\pm(1.3\%rdg+3dgt)$	Approx.10MΩ	
	400.0V			
AC Voltage	500V	$\pm(2.3\%rdg+10dgt)$	approx.11MΩ	
	4.000V		approx.10MΩ	
	40.00V	$\pm(2.3\%rdg+5dgt)$		
	400.0V			
Resistance	500V	$\pm(2.0\%rdg+5dgt)$	Opening Voltage : Approx.0.4V Current Voltage is changing up to resistance value to be measured	
	400.0Ω			
	4.000KΩ			
	40.00KΩ	$\pm(5.0\%rdg+5dgt)$		
	400.0KΩ			
	4.000MΩ			
Capacitance	40.00MΩ	$\pm(10\%rdg+5dgt)$	Accuracy : after cancelled the display value by relative function	
	40.00nF			
	400.0nF	$\pm(5.0\%rdg+10dgt)$		
	4.000μF			
	40.00μF			
Frequency	100.0μF	$\pm(10\%rdg+15dgt)$	at AC sine wave Sensitivity of input voltage 5.000Hz~5.000KHz : more than 10Vrms 50.00KHz : more than 40Vrms	
	5.000Hz			
	50.00Hz			
	500.0Hz			
	5.000KHz			
Duty	50.00KHz	_____	Input Sensitivity & Frequency Characteristic (Rectangular Wave Input Duty 50%) 2.5V 0 to peak input $\geq 1KHz$ 6V 0 to peak input $\geq 10KHz$ 40V 0 to peak input $\geq 70KHz$	
	0.1~99%			
Continuity Check		Beeping 10~60Ω	Opening Voltage : approx. 0.4V	
Diode Test			Opening Voltage : approx. 1.5V	



Innovative Technologies

An ISO 9001 : 2015 Company

TAURUS POWERTRONICS PVT LIMITED

Corporate Off.: No. 26, "Mahadimane", 12th Main, 1st Block, Rajajinagar, Bengaluru - 560 010. INDIA. Tel : + 91 80 23012301

Email : info@tauruspowertronics.com, care@tauruspowertronics.com, Tollfree : 1800 425 2112, WhatsApp : +91 73496 44344

Sales & Service Off.: No. 648/54, KLE College 2nd Block, Rajajinagar, Bengaluru - 560 010. INDIA , Tel : + 91 80 2352 2136/74

BENGALURU

DELHI

KOLKATA

MUMBAI