

# DIGITAL MULTIMETER PM3



## Introduction

Multi Function Compact DMM

- ▶ Compact - 8.5mm thickness
- ▶ More Functions - Hz / Capacitance / Duty / Auto Power Off / Relative Zero
- ▶ Easy Reading - 13.6mm - high numeral character on LCD

## Features

1. 4,000 counts max
2. Auto ranges
3. Useful one-touch data hold function
4. Helpful auto power off function
5. Pocket size, but specified to IEC1010-1

## Measurement Range & Accuracy

Range	Accuracy	Input Resistance	Remarks
<b>DCV</b>			
400.0mV	$\pm(0.7\%rdg+3dgt)$	>100M $\Omega$	
4.000V		11M $\Omega$	
40.00V	$\pm(1.3\%rdg+3dgt)$	10M $\Omega$	
400.0V			
500V			
<b>ACV</b>			
4.000V	$\pm(2.3\%rdg+10dgt)$	11M $\Omega$	Accuracy in the case of sine wave.
40.00V		10M $\Omega$	
400.0V	$\pm(2.3\%rdg+5dgt)$		Frequency range : 40-400Hz
500V			
<b>RESISTANCE</b>			
400.0 $\Omega$	$\pm(2\%rdg+5dgt)$	Open voltage : Approx. 0.4V	
4.000k $\Omega$			
40.00k $\Omega$			

400.0kΩ		The measuring current changes according to the resistance measure.
4.000MΩ	±(5.0%rdg+5dgt)	
40.00MΩ	±(10%rdg+5dgt)	

**Cap.**

4.000nF	±(5.0%rdg+10dgt)	Accuracy was measured after canceling display value by relative key.
40.00nF		
400.0nF		
4.000uF		
40.00uF	±(10%rdg+15dgt)	
200.0uF		

**Hz**

9.999Hz	±(0.7%rdg+5dgt)	Accuracy in the case of sine wave. 9.999Hz-9.999kHz : 10Vrms Min. 99.99kHz : 40Vrms Min
99.99Hz		
999.9Hz		
9.999kHz		
99.99kHz		

**Duty**

0.1-99%	-----	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
---------	-------	--

**Buzzer**

Buzzer sounds at less than 10-60ohm

**DIODE TEST**

Open voltage : 1.3V