

## DIGITAL MULTIMETER

# PM10

勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-54151736  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



### INTRODUCTION

- 3-3/4 digits 3 200 count
- Compact size
- Test leads that are directly fixed to the main body provide safety in high voltage measurement
- Test probe can be snapped into a fixed position.
- Full auto range
- Arc. Bargraph



### MEASUREMENT SPEC.

Range	Accuracy	Maximum Resolution	Input Resistance	Remarks
<b>DCV</b>				
320mV	$\pm(0.8\%rdg+4dgt)$	100 $\mu$ V	> 100M $\Omega$	
3.2V	$\pm(1.3\%rdg+4dgt)$	1mV	11M $\Omega$	
32V	$\pm(1.3\%rdg+4dgt)$	10mV	10M $\Omega$	
320V	$\pm(1.3\%rdg+4dgt)$	100mV	10M $\Omega$	
500V	$\pm(1.3\%rdg+4dgt)$	100mV	10M $\Omega$	
<b>ACV</b>				
3.2V	$\pm(2.3\%rdg+8dgt)$	1mV	11M $\Omega$	Accuracy in the case of sine wave AC 45Hz ~ 400Hz
32V	$\pm(2.3\%rdg+8dgt)$	10mV	10M $\Omega$	
320V	$\pm(2.3\%rdg+8dgt)$	100mV	10M $\Omega$	
500V	$\pm(2.3\%rdg+8dgt)$	100mV	10M $\Omega$	
<b><math>\Omega</math></b>				
320 $\Omega$	$\pm(2.0\%rdg+4dgt)$	100m $\Omega$		
3.2k $\Omega$	$\pm(2.0\%rdg+4dgt)$	1 $\Omega$		

### $\Omega$

320 $\Omega$	$\pm(2.0\%rdg+4dgt)$	100m $\Omega$	
3.2k $\Omega$	$\pm(2.0\%rdg+4dgt)$	1 $\Omega$	

32kΩ ±(2.0%rdg+4dgt) 10Ω  
320kΩ ±(2.0%rdg+4dgt) 100Ω  
3.2MΩ ±(3.5%rdg+4dgt) 1kΩ  
32MΩ ±(10%rdg+5dgt) 10kΩ

Approx.  
1.3V

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## Continuity

The buzzer sounds at approx. 20Ω max. Approx.  
1.3V

## Diode Test

--- Approx. 3V

## FEATURES

### Basic Features

3 200 counts

Digital display

### Sampling rate

Approx. 2 times/sec (numeral display)

Approx. 12 times/sec (bargraph)

Analog bargraph

32 segments max

Best DC accuracy

0.8%

### Other Features

Low battery indication / timing ● / ---

Auto / manual ranging ● / ---

Separate battery / fuse access ●

## GENERAL SPEC.

Accuracy temperature

18°C ~ 28°C 80% RH max.

No condensation

Operating temperature

0°C ~ 40°C 80% RH max.

No condensation

Storage temperature

-10°C ~ 50°C 70% RH max.

Battery removed

No condensation

Power supply

LR-44 x 2

Battery life

200hours

Environmental condition

Operating altitude < 2000m

Pollution degree

II

Dimension including holster

117(H) x 76(W) x 18(D) mm

Weight including holster

Approx. 110g

Transient (surge) protection

2.5kV (1.2/50 $\mu$ s surge)

CE mark



Safety

CAT III for 300V DC&AC

CAT II for 500V DC & AC

Warranty ( years )

1

Calibration certificate with data

Optional

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