

sanwa®

TOKYO JAPAN

DIGITAL MULTIMETER

PM300

APPLICATIONS AND FEATURES

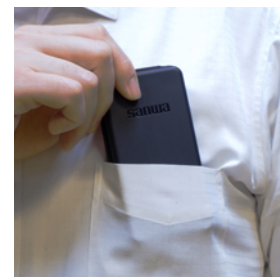
This instrument is a pocket-type digital multimeter with rms value response, designed for measurements within the range specified as CAT.IV 300 V / CAT.III 600 V in IEC61010.

- 6000 counts
- AC True RMS
- Data hold
- Relative value measurement
- MAX/MIN value recording mode
- Auto power save (15min.) (cancelable)
- Stylish carrying case provided as standard accessory

SPECIFICATIONS

	Measuring range	Best accuracy	Resolution	Input impedance
DCV	600m/6/60/600V	±(0.8%+3)	0.1mV	10MΩ
ACV	6/60/600V	±(1.2%+5)	0.001V	
Resistance	600/6k/60k/600k/6M/60MΩ	±(1.5%+5)	0.1Ω	
Capacitance	60n/600n/6μ/60μ/600μF	±(3.0%+10)	0.01nF	
Frequency	99.99/999.9/9.999k/99.99kHz	±(0.5%+3)	0.01Hz	
Continuity	Buzzer sounds between 10~50Ω Open voltage : approx. 1.0V			
Diode test	Open voltage : approx. DC3.2V "OL" displayed at 3.000 V or more.			

Operation method	△ - Σ method
AC measuring method	True RMS method (AC coupling)
Display	Max. 6000 counts
Sampling rate	Max. approx. 5 times/sec.
Overload	"OL" mark indication on digital display
Range selection	Auto
Polarity switching	Auto ("−" indicated when negative voltage is input)
Operating temperature / humidity	-10 °C to 40 °C. Humidity range is as follows (without condensation): Max. 80 %RH at 5 °C to 31 °C, decreasing linearly to 50 %RH at 40 °C.
Storage temperature / humidity	-20 °C to 40 °C: ≤80 %RH (without condensation). 40 °C to 50 °C: ≤70 %RH (without condensation). (The battery should be removed when the instrument is not to be used for a long period.)
Battery	CR2032 (Coin-shaped lithium battery)3 V × 1
Auto Power Save	Power Save in about 15 minutes after last operation. Typ. 20 μA
Size / Mass	110 (H) × 56 (W) × 13 (D) mm, about 84 grams (incl. the battery) 121 (H) × 63 (W) × 28 (D) mm, about 135 grams (when stored in case)
Safety standards	IEC61010-1, IEC61010-2-030, IEC61010-2-33, IEC61010-31 CAT.IV 300 V/CAT.III 600 V
Standard accessories included	Instruction manual, coin-shaped battery(CR2032), carrying case (C-PM300)



A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.

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