

sanwa®

TOKYO JAPAN

DIGITAL MULTIMETER

PC773

APPLICATIONS AND FEATURES

This instrument is a portable multimeter designed for the measurement of low-voltage circuit.

This is used at small communications equipments, home electric appliances, voltage of lump line, various types of batteries, and circuit analyses with additional functions.

- AC True RMS / 11000 count
- 0.28% best accuracy
- High speed bar graph
- Capacitance measurement
- Frequency measurement
- Data hold / Range hold
- Relative value
- Auto power save (30min after the last operation) (cancelable)
- Backlight
- Thermo plastic elastomer, high resistance against drop shock
- Tilt stand
- PC Link system with optical Link USB cable (KB-USB773) and software (PC Link7)
*KB-USB7 and PC Link7 are optional accessories
- Temperature measurement
(with PC Link system and T-300PC (Optional accessory))

SPECIFICATIONS

	Measuring range	Best accuracy	Resolution	Input impedance
DCV	110m/1.1/11/110/1000V	$\pm(0.28\%+2)$	0.01mV	10M $\sim$ 100M Ω
ACV	110m/1.1/11/110/1000V	$\pm(0.7\%+50)$	0.01mV	
DCA	110 μ /1100 μ /11m/110m/11A	$\pm(0.5\%+4)$	0.01 μ A	
ACA	110 μ /1100 μ /11m/110m/11A	$\pm(0.9\%+20)$	0.01 μ A	
Resistance	110/1.1k/11k/110k/1.1M/11M/110M Ω	$\pm(0.3\%+6)$	0.01 Ω	
Capacitance	11n/110n/1.1 μ /110 μ /1.1m/11m/110mF	$\pm(2.0\%+20)$	0.001nF	
Frequency	110Hz/1.1kHz/11kHz/110kHz/1.1MHz	$\pm(0.01\%+2)$	0.1Hz	
Continuity	Buzzer sounds and LED lights up at less than 30 Ω Open voltage: approx. 0.2V			
Diode test	Open voltage: approx. 0.2V			

*Accuracy of film capacitor or equivalent with low leakage

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.



Operation method	Double integration
AC measuring method	True RMS
Display	11000 count
Range selection	Auto and manual ranges
Overload	"O.L." is displayed
Polarity	Automatic selection (only "-" is displayed when negative voltage is inputted.)
Battery low warning	Battery (BAT) mark lights when the internal battery's power is below approx. 7V
Sampling rate	4 times/sec
Power consumption	Approx. 48mW Approx. 0.45mW (Auto power save)
Bandwidth	45Hz $\sim$ 100Hz (110mV range), 45Hz $\sim$ 500Hz (1.1V range), 45Hz $\sim$ 1kHz (11V range and above, ACA)
EN61010-1 CAT.II	1000V
EN61010-1 CAT.III	600V
Fuse / Battery	315mA/1000V, breaking capacity 30kA 6LR61(9V) x1 12A/1000V, breaking capacity 30kA
Size / Mass	H166 x W82 x D44mm / 360g
Standard accessories included	Test Lead (TL-25a), Instruction Manual

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