

DIGITAL MULTIMETER

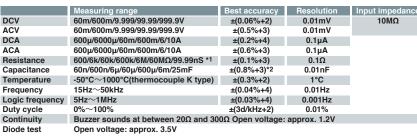
PC710

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 / 9999 count & 6000 count
- •0.06% best accuracy
- Dual display capability with Backlight to simultaneously display voltage/current/frequency and AC/DC components of voltage/current
- High speed bar graph
- Electric Field(EF) detection
- Conductance measurement / Capacitance measurement
- Temperature measurement (with K type thermocouple sensor : -50°C~1000°C)
- Frequency measurement (AC sine wave only)
- Logic frequency measurement / Duty cycle measurement
- •MAX, MIN, AVE value hold / Data hold / Range hold
- Relative value
- Auto power save (30min after the last operation)(cancelable)
- Backlight
- Protective holster with wall hanger and lead holder / Tilt stand
- PC Link system with optical Link USB cable (KB-USB7) and software(PC Link7)
 *KB-USB7 and PC Link7 are optional accessories

SPECIFICATIONS



^{*1} nS(Conductance): High-value resistance of Giga-Ohms for leakage measurements. Conductance is the inverse of Resistance, that is S=1/\Omega or nS=1/G\Omega*2 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	Δ-Σ
	AC measuring method	True RMS
	Display	6000 count and 9999 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() mark lights when the internal battery's power is below approx. 7V
	Sampling rate	Numeric part : 5 times/sec Bar graph part : 60 times/sec
	Power consumption	Approx. 48mW Approx. 0.45mW(Auto power save)
	Bandwidth	V : 40Hz~3kHz, 3kHz~20kHz(below 99.99V) A : 40Hz~1kHz
2	EN61010-1 CAT.II EN61010-1 CAT.III	1000V 600V
	Fuse / Battery	11A/1000V IR20kA Φ10x38mm 6LR61(9V) x 1 0.4A/1000V IR30kA Φ6.3x32mm
	Size / Mass	H184 x W86 x D52mm / 430g
	Standard accessories	Test Lead(TL-23a), Holster(H-700),
	included	Thermocouple K type (K-250PC), Instruction Manual

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