




# PC700

Digital Multimeters □ High accuracy/High resolution (PC Link)



## Safety

IEC61010-1:2001, IEC61010-31:2008 CAT.III 600V Max./CAT. II 1000V  
Max.EN61326-1:2006

## Basic Features

- 4 digits 9999 count & 3-5/6 digits 6000count
  - Maximum DC/AC voltage measurement resolution 0.01mV
  - Dual Display shows voltage/current and its frequency, and AC components and DC components of voltage/current
  - High speed bar graph
  - Frequency measurement (AC sine wave only)
  - Logic frequency measurement, duty cycle measurement
  - Data hold, Range hold
  - Relative value
  - Auto power saving mode (30min.) (cancelable)
  - Optical Link USB interface (optional)
- Display : numeral display 9999 & 6000, bar graph 41 segments  
Sampling rate : 5 times/sec., 60 times/sec. for bar graph  
Battery life : Approx. 60h (manganese battery) at DCV range

## Optional Accessories

Software : PC Link7  
Optical PC link cable : KB-USB7  
Clamp probe : CL124, CL140, CL-20D, CL-22AD, CL33DC  
Temperature probe : T-300PC (PC Link software is necessary.)  
K type adapter : K-AD  
Test lead : TL-21M, TLF-120  
Carrying case : C-PC7  
Clip adapter : CL-11, CL-13a, CL-15a, CL-DG3a, TL-8IC

## Specifications



PC700	Measuring range	Best accuracy	Resolution	Input impedance
DCV	60m/600m/9.999/99.99/999.9V	$\pm (0.06\%+2)$	0.01mV	10M $\Omega$
ACV	60m/600m/9.999/99.99/999.9V	$\pm (0.5\%+3)$	0.01mV	
DCA	600 $\mu$ /6000 $\mu$ /60m/600m/6/10A	$\pm (0.2\%+4)$	0.1 $\mu$ A	
ACA	600 $\mu$ /6000 $\mu$ /60m/600m/6/10A	$\pm (0.6\%+3)$	0.1 $\mu$ A	
Resistance	600/6k/60k/600k/6M/60M $\Omega$	$\pm (0.1\%+3)$	0.1 $\Omega$	
Capacitance	60n/600n/6 $\mu$ /60 $\mu$ /600 $\mu$ /6m/25mF	$\pm (0.8\%+3)^*$	0.01nF	
Frequency	15Hz~50kHz	$\pm (0.04\%+4)$	0.01Hz	
Logic frequency	5Hz~1MHz	$\pm (0.03\%+4)$	0.001Hz	
Duty cycle	0%~100%	$\pm (3d / kHz+2)$	0.01%	
Continuity	Buzzer sounds at between 20 $\Omega$ and 300 $\Omega$ Open voltage : approx. 1.2V			
Diode test	Open voltage : approx. 3.5V			
Bandwidth	V : 40Hz~3kHz 3kHz~20kHz(below 99.99V), A : 40Hz~1kHz			
Fuse / Battery	12.5A/500V IR20kA $\phi$ 6.3 $\times$ 32		6F22(9V) $\times$ 1	
	0.63A/500V IR50kA $\phi$ 6.3 $\times$ 32			
Size / Mass	H184 $\times$ W86 $\times$ D52mm/430g (including holster)			
Standard accessories included	Test Lead (TL-23a), Holster (H-700), Instruction manual			

\*Accuracy of film capacitor or equivalent with low leakage.