

sanwa®

TOKYO JAPAN



DIGITAL MULTIMETER

PC720M

Data Logging

Dual Display

MAX/MIN recording mode with auto ranging (sampling rate: 20 times / sec.)

Back light

0.06% Best Accuracy



Safety : IEC61010-1(EN61010-1) 2001-02
CAT.III 600V Max. / CAT.II 1000V Max.



Connectable up to 8 channels

PC Link 7

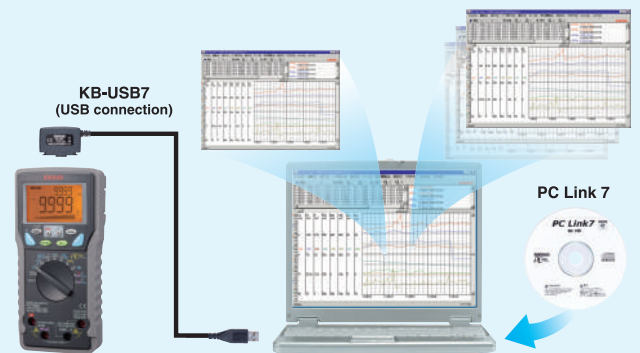


Major features :

- Automatically detects a port connected with a digital multimeter
- No additional driver installation required with Windows standard USB drivers
- The retrieval interval can be set by seconds. The shortest reading interval of 0.2 – 0.3 seconds depending on the digital multimeter measuring function.
- Allows setting for vertical/horizontal zoom, reading at the cursor position, and Y axis split while retrieving data.
- Allows automatic retrieval by schedule setting.
- Allows data saving into CSV files and sending e-mails of alert information with alarm setting.
- Allows data saving into CSV files with the date and time appended.
- Multi-window, separated graphs by each channel
- Allows automatic e-mail of measurement data.
- Allows limited operations depending on the user with usage restriction function.
- Allows conditional recording by event function.

Applicable Model	PC720M	
PC Link 7 operating environment	OS	Windows XP/7 32bit
	CPU	Pentium IV 16 GHz or better
	Memory	1GB or better
	Resolution	800x600 or above

*KB-USB7 and PC Link 7 are optional accessories.



87,328 points data logging in built-in memory

Dual Display shows "Voltage or Current and its Frequency", and "AC components and DC components of Voltage or Current" AutoΩ-V function recognizes automatically DCV, ACV, or Ω

- 9999 count
- 0.06% best accuracy
- AC True RMS
- Fast speed bar graph
- Capacitance measurement
- K type temperature -50°C~1000°C
- *K type temp. sensor K-250PC is included as a standard accessory.
- Data hold / Range hold
- Auto power off(30 min.)
- Protective holster with wall hanger and lead holder
- Tilt stand
- Optical link USB interface(optional)
- Frequency(Sensitivity selectable), Wide capacitance range(0.01nF to 25.00mF)
- MAX/MIN recording mode with auto ranging(sampling rate: 20 times / sec.)

Data Logging Mode

- 87,328 data points in built-in memory
- 87,328 readings(single display) or 43,664 readings(dual display)
- Selection of measurement interval
- 0.05s, 0.1s, 0.5s, 1s, 2s, 3s, 4s, 5s, 10s, 15s, 30s, 60s, 120s, 180s, 300s, 600s
- Export logged data to PC

- Sampling rate : 20 times / sec, 60 times / sec. for bar graph
- AC frequency

Safety : IEC61010-1(EN61010-1) 2001-02 CAT.III 600V Max. / CAT.II 1000V Max.



DIGITAL MULTIMETER PC720M

Function	Measuring range	Best accuracy
DCV	60.00m/600.0m/9.999/99.99/999.9V	±(0.06% + 2)
ACV	60.00m/600.0m/9.999/99.99/999.9V	±(0.5% + 3)
DCA	600.0μ/6000μ/60.00m/600.0m/6.000/10.00A	±(0.2% + 4)
ACA	600.0μ/6000μ/60.00m/600.0m/6.000/10.00A	±(0.6% + 3)
Resistance	600.0/6.000k/60.00k/600.0k/6.000M/60.00MΩ/99.99ns*1	±(0.1% + 3)
Capacitance	60.00n/600.0n/6.000μ/60.00μ/600.0μ/6.000m/25mF	±(0.8% + 3)
Temperature	-50°C~1000°C(-15°F~1832°F)	±(0.3% + 2°C) ±(0.3% + 5°F)
Frequency	5.00Hz~1.000MHz	±(0.04% + 4)
Logic Hz	15.00Hz~10.00kHz	±(0.03% + 4)
Continuity	Buzzer sounds at between 20Ω and 300Ω. Open voltage : approx. below DC1.2V	
Diode test	Open voltage : approx. 3.5V	
Duty cycle	0.00%~100.0%	
Fuse	0.63A / 500V Breaking capacity 150kA x 1 12.5A / 500V Breaking capacity 20kA x 1	
Size / Weight	H184 x W86 x D52mm / 430g	
Standard accessories included	Test lead(TL-23a), Holster with lightproof magnet cap(H-700), K-type thermocouple(K-250PC), Instruction manual	

*1
nS(Conductance): High-value resistance of Giga-Ohms for leakage measurements.
Conductance is the inverse of Resistance, that is S=1/Ω or nS=1/GΩ