

High accuracy & multi-function (PC Link)



CE

PC510a



Temperature measurement, True RMS

- 3-4 / 5 digits 5000 count
- 0.06% best accuracy
- AC True RMS
- High speed bar graph
- ※ Zoom bargraph (5 times)
- Capacitance measurement
- ※ Not suitable for measurement of condensers with large leak current.
- K type temperature -50°C~1000°C
- ※ Optional accessory K-AD is necessary.
- ※ K type temp. sensor K-250PC is included as a standard accessory.
- Frequency measurement (AC sine wave only)
- MAX-MIN recording mode
- Peak hold
- Data hold / Range hold
- Relative value
- Auto power off (17min.) (cancelable)
- Test lead resistance zero adjustment function
- Protective holster with wall hanger and leadholder
- Tilt stand
- Optical link RS232C / USB interface (optional)

Display : numeral display 5000, bar graph 52 segments

Sampling rate : 5 times / sec., 60 times / sec. for bar graph

AC frequency

bandwidth : 40Hz~20kHz (below 500V), 40Hz~1kHz (ACA)

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

Battery life : Approx. 120h (manganese battery) at DCV range



Function	Measuring range	Best accuracy	Resolution	Input impedance
DCV	50m/500m/5/50/500/1000V	± (0.06%+2)	0.01mV	10MΩ
ACV	50m/500m/5/50/500/1000V	± (0.5%+3)	0.01mV	
DCA	500μ/5000μ/50m/500m/5/10A	± (0.2%+4)	0.1μA	
ACA	500μ/5000μ/50m/500m/5/10A	± (0.6%+3)	0.1μA	
Resistance	50/500/5k/50k/500k/5M/50MΩ	± (0.2%+2)	0.01Ω	10MΩ
Capacitance	50n/500n/5μ/50μ/500μ/9999μF	± (0.8%+3)	0.01nF	
Temperature	-50°C~1000°C (thermocouple K type)	± (0.3%+3)	1°C	
Frequency	10Hz~125kHz	± (0.01%+2)	0.001Hz	
Continuity	Buzzer sounds at between 20Ω and 120Ω. Open voltage : approx. 3V			
Diode test	Open voltage : approx. 3.5V			
Bandwidth	40Hz~20kHz (below 500V) 40Hz~1kHz (ACA)			
Fuse / Battery	12.5A/500V IR20kA φ6.3×32mm 0.63A/500V IR200kA φ6.3×32mm		6LF22 (9V)×1	
Size / Weight	H179×W87×D55mm/460g (including holster)			
Standard accessories included	Test lead (TL-82), Holster (H-50), Thermocouple K type (K-250PC), Instruction manual			

Optional accessories

Software : PC Link, PC Link Plus Optical PC link cable : KB-RS2a, KB-USB2a

Clamp probe : CL124, CL140, CL-20D, CL-22AD, CL33DC

Temperature probe : T-300PC (PC Link software is necessary.)

K-8-250~800

K type adapter : K-AD Test lead : TL-21M, TL-21, TLF-120

Carrying case : C-CD Clip adapter : CL-13

High accuracy (PC Link)



CE

PC500a



Best accuracy 0.08% high accuracy model

- 3-4 / 5 digits 5000 count
- 0.06% best accuracy
- High speed bar graph
- Capacitance measurement
- ※ Not suitable for measurement of condensers with large leak current.
- Frequency measurement (AC sine wave only)
- Data hold / Range hold
- Auto power off (17min.) (cancelable)
- Protective holster with wall hanger and lead holder
- Tilt stand
- Optical link RS232C / USB interface (optional)

Display : numeral display 5000, bar graph 52 segments

Sampling rate : 5 times / sec., 60 times / sec. for bar graph

AC frequency

bandwidth : 40~20kHz (below 500V), 40~1kHz (ACA)

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

Battery life : Approx. 120h (manganese battery) at DCV range



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ACV	50m/500m/5/50/500/1000V	± (0.5%+3)	0.01mV	
DCA	500μ/5000μ/50m/500m/5/10A	± (0.2%+4)	0.1μA	
ACA	500μ/5000μ/50m/500m/5/10A	± (0.6%+3)	0.1μA	
Resistance	50/500/5k/50k/500k/5M/50MΩ	± (0.2%+2)	0.01Ω	10MΩ
Capacitance	50n/500n/5μ/50μ/500μ/9999μF	± (0.8%+3)	0.01nF	
Frequency	10Hz~125kHz	± (0.01%+2)	0.001Hz	
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