

High accuracy & multi-function (PC Link)

PC510



Temperature measurement, True RMS

- 3-4 / 5 digits 5000 count
- 0.08% 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
- Alarm for improper test lead insertion to current terminal
- 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	± (0.08%+2)	0.01mV	10MΩ
ACV	50m/500m/5/50/500/1000V	± (0.5%+3)	0.01mV	
DCA	500 μ/5m/50m/500m/5/10A	± (0.2%+4)	0.1 μA	
ACA	500 μ/5m/50m/500m/5/10A	± (0.6%+3)	0.1 μA	
Resistance	50/500/5k/50k/500k/5M/50MΩ	± (0.2%+2)	0.01Ω	
Capacitance	50n/500n/5 μ/50 μ/500 μ/9999 μF	± (0.8%+3)	0.01nF	
Temperature	-50°C~1000°C (thermocouple K type)	± (0.3%+3)	1°C	
Frequency	5Hz~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-RS2, KB-USB2
 Clamp probe : CL124, CL140, CL-20D, CL-22AD, CL33DC
 Temperature probe : T-300PC (PC Link software will be necessary to use.),
 K-8-250~800
 K type adapter : K-AD Test lead : TL-21M Carrying case : C-CD Clip adapter : CL-13