

High accuracy & multi-function (PC Link)



CE

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 600V Max. / CAT 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	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	
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 φ6.3X32mm 0.63A/500V IR200kA φ6.3X32mm		6LF22 (9V)X1	
Size / Weight	H179XW87XD55mm/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 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)



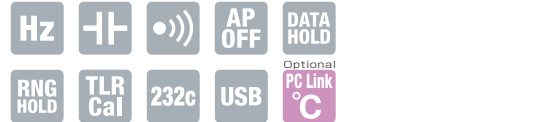
CE

PC500

Best accuracy 0.08% high accuracy model

- 3-4 / 5 digits 5000 count
- 0.08% 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)
- 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 : 40~20kHz (below 500V), 40~1kHz (ACA)
Safety : IEC61010-1 (EN61010-1) 2001-02 CAT 600V Max. / CAT 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	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	
Capacitance	50n/500n/5μ/50μ/500μ/9999μF	± (0.8%+3)	0.01nF	
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 φ6.3X32mm 0.63A/500V IR200kA φ6.3X32mm		6LF22 (9V)X1	
Size / Weight	H179XW87XD55mm/460g (including holster)			
Standard accessories included	Test lead (TL-82), Holster (H-50), 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 is necessary.)
 Test lead : TL-21M, TL-21, TLF-120
 Carrying case : C-CD Clip adapter : CL-13

Data processing (PC Link)



CE

PC20

AC adapter connectable for long haul measurement

- 3-3 / 4 digits 4000 count
- 0.5% best accuracy
- Capacitance measurement
 - Not suitable for measurement of condensers with large leak current.
- Data hold / Range hold
- Safety cover for the 4·10A terminal
- Safety cap for AC adapter terminal
- Protective holster with wall hanger and lead holder
- Tilt stand
- Optical link RS232C / USB interface (optional)

Display : numeral display 4000
Sampling rate : 3 times / sec.
AC frequency bandwidth : 40~500Hz
Safety : IEC61010-1 (EN61010-1) 2001-02 CAT 600V Max. / CAT DC1000V, 750V Max.
With AC adapter : IEC61010-1 (EN61010-1) 2001-02 CAT 200V Max.



Function	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/1000V	± (0.5%+2)	0.1mV	DCV: 10M~100MΩ
ACV	4/40/400/750V	± (1.2%+2)	0.001V	
DCA	400μ/4000μ/40m/400m/4A/10A	± (1.5%+2)	0.1μA	ACV: 10M~100MΩ
ACA	400μ/4000μ/40m/400m/4A/10A	± (1.8%+2)	0.1μA	
Resistance	400/4k/40k/400k/4M/40MΩ	± (1.2%+2)	0.1Ω	
Capacitance	50n/500n/5μ/50μ/100μF	± (5%+6)	0.01nF	
Continuity	Buzzer sounds at between 10Ω and 120Ω. Open voltage : approx. 0.4V			
Diode test	Open voltage : approx. 1.5V			
Bandwidth	40Hz~500kHz (below 500V) 40Hz~1kHz (ACA)			
Fuse / Battery	0.5A/250V IR300A φ5.2X20mm 12A/250V IR500A φ6.3X30mm		R6X2	
Size / Weight	H167XW90XD48mm/330g (including holster)			
Standard accessories included	Test lead (TL-21), Holster (H-70), Instruction manual			

Optional accessories

Software : PC Link, PC Link Plus Optical PC link cable : KB-RS1, KB-USB1
 Clamp probe : CL124, CL140, CL-20D, CL-22AD, CL33DC
 Temperature probe : T-300PC (PC Link software is necessary.)
 AC adapter : AD-71AC (100V), AD-72AC (220V)
 Test lead : TL-21M, TLF-120 Carrying case : C-PC10/S or C-SP Clip adapter : CL-11, CL-13, CL-15, TL-8IC

Standard type



CE

CD770

New Standard

- 3-3/4 digits 4000 count
- Easy to read large LCD
- Thermo plastic elastomer, high resistance against drop shock
- Safety cap on current terminal
- Data hold, Range hold, Relative function
- Continuity check, Diode test
- Auto power off function (30min.)

Display : numeral display 4000
Sampling rate : 3 times / sec.
AC frequency bandwidth : 40~400Hz (sine wave)
Safety : IEC61010-1 (EN61010-1) 2001-02 CAT 600V Max.



Function	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/600V	± (0.5%+2)	0.1mV	DCV: 10M~100MΩ
ACV	4/40/400/600V	± (1.2%+7)	1mV	
DCA	400μ/4000μ/40m/400mA	± (1.4%+3)	0.1μA	ACV: 10M~11MΩ
ACA	400μ/4000μ/40m/400mA	± (1.8%+5)	0.1μA	
Resistance	400/4k/40k/400k/4M/40MΩ	± (1.2%+5)	0.1Ω	
Capacitance	50n/500n/5μ/50μ/100μF	± (5%+10)	0.01nF	
Frequency	5/50/500/5k/50k/100kHz	± (0.3%+3)	0.001Hz	
Continuity	Buzzer sounds at between 0Ω and 85Ω (±45Ω). Open voltage: approx. 0.4V			
Diode test	Open voltage : approx. 1.5V			
Bandwidth	40~400Hz (sine wave)			
Fuse / Battery	0.5A/250V 1.5KA φ5X20mm		R6PX2	
Size / Weight	H166XW82XD44mm/340g			
Standard accessories included	Test lead (TL-21), Instruction manual			

Optional accessories

Clamp probe : CL-20D, CL-22AD, CL33DC
 Carrying case : C-77 Clip adapter : CL-11, CL-15, TL-8IC
 Test lead : TLF-120