TOKYO JAPAN





500000 Count for DCV, Dual Display

50000 & 500000 count

Dual display capability to simultaneously display voltage/current/frequency and AC/DC components of voltage/current

True RMS (root mean square) method for AC measurement

Built-in LPF useful for measurement of VFD (variable frequency drive) circuit

Auto-range-compatible capture function (peak hold)

- Auto-range-compatible max./min./mean value recording function (20 times/sec. sampling rate in voltage and current measurement)
- Temperature measurement function (compatible with Type K thermocouple temperature sensor: -50°C~1000°C)

Optical link USB interface (optional)

Conductance measurement

Dual display with backlight

Display: Numeral display 50000 & 500000 selectable,

Bar graph 41 segments

Sampling rate: 5 times/sec. for 50000 count numeral display, 1.25 times/sec. for 500000 count numeral display 60 times/sec. for bar graph

Bandwidth: V: 45Hz~1kHz, 1kHz~20kHz (below 500V), A: 45Hz~1kHz

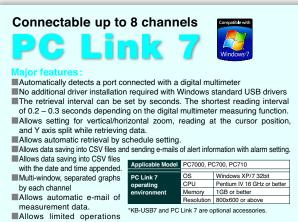
Safety: IEC61010-1 (EN61010-1) 2001-02 CAT.III 600V

- Max./CAT.III 1000V Max.
- Battery life: Approx. 100h (alkaline battery) at DCV range

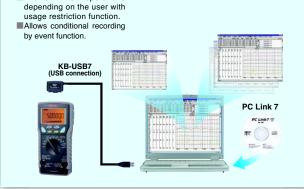
Function	Measuring range	Best accuracy
DCV	500m/5/50/500/1000V	$\pm (0.03\% + 2)$
ACV	500m/5/50/500/1000V	$\pm (0.5\% + 40)$
DCA	500µ/5000µ/50m/500m/5/10A	±(0.1% + 20)
ACA	500µ/5000µ/50m/500m/5/10A	$\pm (0.6\% + 40)$
Resistance	500/5k/50k/500k/5M/50MΩ/99.99ns* ¹	$\pm (0.2\% + 6)$
Capacitance	50n/500n/5µ/50µ/500µ/5m/25mF	$\pm (0.8\% + 3)$
Temperature	-50℃~1000℃(-15°F~1832°F)	$\pm (0.3\% + 2)$
Frequency	10Hz~200kHz	$\pm (0.02\% + 4)$
Logic Hz	5Hz~2MHz	$\pm (0.002\% + 4)$
Duty cycle	0.1%~99.99%	±(3d/kHz + 2)
Continuity	Buzzer sounds at between 20Ω and 200Ω . Open voltage : approx. below DC1.3 V	
Diode test	Open voltage : approx. 3 V	
Fuse	12.5A / 500V Breaking capacity 150kA x 1 0.63A / 500V Breaking capacity 20kA x 1	
Size / Weight	H184 x W86 x D52mm / 430g (Including holster)	
Standard accessories included	Test lead(TL-23a), Holster with lightproof magnet cap(H-700), K-type thermocouple(K-250PC), Instruction manual	

nS(Conductance): High-value resistance of Giga-Ohms for leakage measurements. Conductance is the inverse of Resistance, that is $S=1/\Omega$ or $nS=1/G\Omega$





*KB-USB7 and PC Link 7 are optional accessories



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