u com	an u	nit sp								
Item Description No. of analog input ch. 8 ch				50011						
External input/output			input	(1 channel) Logic input (4 channels) or Put	se innut (4 channele)					
External inpuloutput		Trigger input (1 channel), Logic input (4 channels) or Pulse input (4 channels), Alarm output (4 channels)								
Sampling interval 10µs to 1 mi										
TIME/DIV 10 ms/DIV to										
				nd time	e, daily cycle, hourly cycle					
					pture starts when a trigger is activated; Sto	op: Data capture stops when a				
			trigger is activated							
Condition		ion	Start: Off, Input signal level (analog, logic/pulse), External*1							
Ormhinstin			Stop: Off, Input signal level (analog, logic/pulse), External *1, Scheduled time Input signal level: Level OR, Level AND, Edge OR, Edge AND							
				<u> </u>		AND				
Alarm setting f		00			(Falling), Window In*2, Window Out*2					
Alarm output *		115			J, Window In*2, Window Out*2 annels: 4, Open collector output (5V, 10 kΩ pull-up resistance)					
					Channels: 4, Open collector output (5V, 10 K2 pull-up resistance) RPM/F.S. (in steps of 1, 2, or 5)					
input*1, *3 Count mode			5 to 20 M C/F.S. (in steps of 1, 2, or 5)							
	Inst. N		5 to 20 M C/F.S. (in steps of 1, 2, or 5)							
Calculation fur	nctions		Statistical calculations *4: Average, Peak, Maximum, Minimum, RMS (2 calculations can							
			be set simultaneously)							
Other function	IS				on, annotation input function					
PC inteface					ASE-T/100BASE-TX), USB (High Speed s					
Ethernet funct	ions				Inction, FTP server function, NTP client fur					
JSB function	late				de (File transfer and deletion from internal	•				
den de la composición de la co	Interna Externa				ata points / Internal flash memory:Approx. slot (High speed supported) *5	200 MB				
Display screer		al			digital values, enlarged waveforms, digital	values a colouistics results V				
Display screer Display unit	15				color LCD	values + calcuid(IUI) results, X-				
Operating env	vironme	nt			p 85% R.H. (15 to 35°C when using batteri	96)				
Withstand volt					n input channel and GND: 1000 V p-p for o					
	ugo				00 Vp-p for one minute	no minuto, potrioon input				
	AC ada	apter	100 to	240 VA	AC, 50 to 60 Hz					
supply	DC inp	ut	8.5 to 24 VDC							
		pack *6	Option							
Power consum	nption		28 VA							
External dime	nsions				0 mm (W x H x D), approx.					
Neight (appro			-		ling AC adapter and battery)					
Vibration-teste					automobile parts Type 1 Category A classi	lication				
Terminal I	bloc	k spe	cifica	tions						
tem					Description					
Number of inp					Fixed to 8 channels					
nput terminal	type	Voltage			BNC connector					
nput method		Tempe	ature		M3 screw type terminal board *7	tanaous campling of all channels				
Measurement i	rangee	Voltage			All channels isolated Imbalanced input Simultaneous sampling of all channels 20, 50, 100, 200, 500 mV; 1, 2, 5, 10, 20, 50, 100, 200, 500 V F.S., 1-5 V F.S					
viedourententi	langes	Temper								
		Humidi				Thermocouples : K, J, E, T, R, S, B, N, W (WRe5-26) 0 to 100% (voltage 0 V to 1 V scaling conversion) * with B-530 (option)				
nput filter		Tiurniu	lity		0 to 100 /0 (voltage 0 v to 1 v boaling con					
		Voltage			Off, Line, 5 Hz, 50 Hz. 500 Hz	version) - with B-530 (option)				
Measurement		Voltage)		Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S.	version) * with B-530 (option)				
accuracy *8		Voltage)))))))))	Туре		Measurement accuracy				
accuracy *8 23°C±5°C)				Type R/S	±0.25% of F.S.					
accuracy *8 23°C±5°C) When 30 minu	utes or				±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300	Measurement accuracy ±7.0°C ±5.0°C				
accuracy *8 23°C±5°C) When 30 minu nore have ela after power wa	utes or apsed				±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300 R:300 < TS ≤1600	Measurement accuracy ±7.0°C ±5.0°C ±0.05% of rdg +3.0°C)				
accuracy *8 23°C±5°C) When 30 minu nore have ela after power wa switched on	utes or apsed			R/S	±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300 R:300 < TS ≤1600 S:300 < TS ≤1760	Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C)				
accuracy *8 23°C±5°C) When 30 minu nore have ela after power was witched on Filter : Line	utes or apsed as				±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300 R:300 < TS ≤1600	Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±5.5°C				
accuracy *8 (23°C±5°C) When 30 minu nore have ela after power wa switched on Filter : Line	utes or apsed as			R/S	±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300 R:300 < TS ≤1600 S:300 < TS ≤1600 3:300 < TS ≤1760 400 ≤ TS ≤500 600 < TS ≤1820	Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±5.5°C ±(0.05% of rdg +3.0°C)				
accuracy *8 (23°C±5°C) When 30 minu nore have ela after power wa switched on Filter : Line	utes or apsed as			R/S B	±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300 R:300 < TS ≤1600 S:300 < TS ≤1760 400 ≤ TS ≤600	Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±5.5°C				
accuracy *8 (23°C±5°C) When 30 minu nore have ela after power wa switched on Filter : Line	utes or apsed as			R/S B	±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300 R:300 < TS ≤1600 3:300 < TS ≤1760 400 ≤ TS ≤1760 -200 ≤ TS ≤-100 -100 < TS ≤ 1370 -200 ≤ TS ≤-100	Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±5.5°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.05% of rdg +3.0°C)				
accuracy *8 23°C±5°C) When 30 minu nore have ela after power was witched on Filter : Line	utes or apsed as			R/S B K E	±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300 R:300 < TS ≤1600 S:300 < TS ≤1760 400 < TS ≤1760 600 < TS ≤1820 -200 ≤ TS ≤-100 -100 < TS ≤1370 -200 ≤ TS ≤-100 -100 < TS ≤800	Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±5.5°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C)				
accuracy *8 (23°C±5°C) When 30 minu nore have ela after power wa switched on Filter : Line	utes or apsed as			R/S B K	±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300 R:300 < TS ≤1600 S:300 < TS ≤1600 400 ≤ TS ≤600 600 < TS ≤1820 -200 ≤ TS ≤-100 -100 < TS ≤ 1370 -200 ≤ TS ≤-100 -100 < TS ≤800 -200 ≤ TS ≤100	Measurement accuracy ±7.0°C ±5.0°C ±0.05% of rdg +3.0°C) ±0.55% of rdg +3.0°C) ±5.5°C ±0.05% of rdg +3.0°C) ±0.05% of rdg +3.0°C) ±0.05% of rdg +2.0°C) ±0.05% of rdg +2.0°C) ±0.05% of rdg +2.0°C) ±0.05% of rdg +2.5°C)				
accuracy *8 (23°C±5°C) When 30 minu nore have ela after power wa switched on Filter : Line	utes or apsed as			R/S B K E T	±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300 R:300 < TS ≤1600 S:300 < TS ≤1760 400 ≤ TS ≤600 600 < TS ≤1820 -200 ≤ TS ≤-100 -100 < TS ≤800 -200 ≤ TS ≤-100 -100 < TS ≤800 -200 ≤ TS ≤-100 -100 < TS ≤400	Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.05% of rdg +2.0°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +1.5°C)				
accuracy *8 23°C±5°C) When 30 minu nore have ela after power was witched on Filter : Line	utes or apsed as			R/S B K E	±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300 R:300 < TS ≤1600 S:300 < TS ≤1600 400 ≤ TS ≤1760 -200 ≤ TS ≤-100 -100 < TS ≤ 1370 -200 ≤ TS ≤-100 -100 < TS ≤800 -200 ≤ TS ≤-100 -100 < TS ≤400 -200 ≤ TS ≤-100 -100 < TS ≤400	Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.05% of rdg +2.0°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +1.5°C) ±3.7°C				
accuracy *8 23°C±5°C) When 30 minu nore have ela after power was witched on Filter : Line	utes or apsed as			R/S B K E T	±0.25% of F.S. Measurement temperature range 0 ≤ TS ≤100 100 < TS ≤300 R:300 < TS ≤1600 S:300 < TS ≤1760 400 ≤ TS ≤600 600 < TS ≤1820 -200 ≤ TS ≤-100 -100 < TS ≤800 -200 ≤ TS ≤-100 -100 < TS ≤800 -200 ≤ TS ≤-100 -100 < TS ≤400	Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.05% of rdg +2.0°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +1.5°C)				
accuracy *8 23°C±5°C) When 30 minu nore have ela after power was witched on Filter : Line	utes or apsed as			R/S B K E T	$\begin{array}{c} \pm 0.25\% \text{ of F.S.} \\ \hline \text{Measurement temperature range} \\ 0 \leq \text{TS} \leq 100 \\ 100 < \text{TS} \leq 300 \\ \text{R:300} < \text{TS} \leq 1600 \\ \text{S:300} < \text{TS} \leq 1600 \\ 600 < \text{TS} \leq 1600 \\ 600 < \text{TS} \leq 1820 \\ -200 \leq \text{TS} \leq -100 \\ -100 < \text{TS} \leq 1370 \\ -200 \leq \text{TS} \leq -100 \\ -100 < \text{TS} \leq 800 \\ -200 \leq \text{TS} \leq -100 \\ -100 < \text{TS} \leq 800 \\ -200 \leq \text{TS} \leq -100 \\ -100 < \text{TS} \leq 400 \\ -200 \leq \text{TS} \leq -100 \\ -100 < 0 \\ -100 < 0 \\ -100 < 0 \\ -100 < 0 \\ -100 < 0 \\ -100 \\$	Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.5% of rdg +3.0°C) ±5.5°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.05% of rdg +2.0°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +1.5°C) ±3.7°C ±2.7°C				
accuracy *8 23°C±5°C) When 30 minu nore have ela after power was witched on Filter : Line	utes or apsed as			R/S B K E J		Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±5.5°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.05% of rdg +2.0°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +1.5°C) ±3.7°C ±2.7°C ±(0.05% of rdg +2.0°C)				
accuracy *8 23°C±5°C) When 30 minu nore have ela after power was witched on Filter : Line	utes or apsed as			R/S B K E T J		Measurement accuracy ±7.0°C ±5.0°C ±0.05% of rdg +3.0°C) ±0.05% of rdg +3.0°C) ±5.5°C ±0.05% of rdg +3.0°C) ±0.05% of rdg +3.0°C) ±0.05% of rdg +2.0°C) ±0.05% of rdg +2.0°C) ±0.1% of rdg +2.5°C) ±0.1% of rdg +2.5°C) ±0.1% of rdg +2.5°C) ±0.1% of rdg +2.0°C) ±0.1% of rdg +2.0°C) ±0.05% of rdg +2.0°C) ±0.1% of rdg +2.0°C) ±0.1% of rdg +2.0°C) ±0.1% of rdg +2.0°C) ±0.1% of rdg +2.5°C) momensation accuracy ±1.0°				
accuracy *8 23°C±5°C) Mhen 30 min. nore have ela fifter power wa witched on "ilter : Line 3ND : connec	utes or apsed as			R/S B K E T J		Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±5.5°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.05% of rdg +2.0°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +2.0°C) ±(0.1% of rdg +2				
accuracy *8 23°C±5°C) Mhen 30 min. nore have ela switched on iliter : Line SND : connec	utes or upsed as	Thermo	ocouple	R/S B K E T J	$\begin{array}{c} \pm 0.25\% \text{ of F.S.} \\ \hline \text{Measurement temperature range} \\ 0 \leq TS \leq 100 \\ 100 < TS \leq 300 \\ R:300 < TS \leq 1600 \\ 3:300 < TS \leq 1600 \\ 0 \leq TS \leq 1760 \\ \hline 400 \leq TS \leq 500 \\ 600 < TS \leq 1820 \\ -200 \leq TS \leq -100 \\ -100 < TS \leq 1370 \\ -200 \leq TS \leq -100 \\ -100 < TS \leq 800 \\ -200 \leq TS \leq -100 \\ -100 < TS \leq 100 \\ 100 < TS \leq 100 \\ 0 \leq TS \leq 1300 \\ \hline 0 \leq TS \leq 1300 \\ 0 \leq TS \leq 1300 \\ \hline 0 \leq TS \leq 2315 \\ \hline Reference contact contact on the second s$	Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.05% of rdg +2.0°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +2.0°C) ±(0.1% of rdg +2.0°C) ±				
accuracy *8 23°C±5°C) Mhen 30 min. nore have ela switched on iliter : Line SND : connec	utes or upsed as	Thermo	ocouple	R/S B K E T J		Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.5% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.05% of rdg +2.0°C) ±(0.1% of rdg +2.0°C) ±(
accuracy *8 23°C±5°C) Mhen 30 min. nore have ela switched on iliter : Line SND : connec	utes or upsed as	Thermo	ocouple	R/S B K E T J		Measurement accuracy ±7.0°C ±5.0°C ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.5% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.05% of rdg +2.0°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +2.0°C) ±(0.1% of rdg +2.0°C) ±(
Veasurement accuracy * ⁶ (23°C±5°C) When 30 min. more have ela after power wa witched on "itter : Line GND : connect A/D converter Maximum perr	utes or upsed as	Thermo	ocouple	R/S B K E T J	$\begin{array}{c} \pm 0.25\% \mbox{ of F.S.} \\ \hline \mbox{Measurement temperature range} \\ 0 \le TS \le 100 \\ 100 < TS \le 100 \\ R:300 < TS \le 1600 \\ S:300 < TS \le 1600 \\ 600 < TS \le 1600 \\ 600 < TS \le 1820 \\ -200 \le TS \le 100 \\ -100 < TS \le 1370 \\ -200 \le TS \le 100 \\ -100 < TS \le 400 \\ -200 \le TS \le 100 \\ -100 < TS \le 1100 \\ 0 \le TS \le 1300 \\ 0 \le TS \le 1300 \\ 0 \le TS \le 2315 \\ \hline \mbox{Reference contact } c \\ \mbox{\ddagger Thermocouple direct} \\ 16 \mbox{ bits (out of which 14 \mbox{ bits are internally} \\ Between input channel terminals \\ \hline \end{tabular}$	Measurement accuracy ±7.0°C ±5.0°C ±0.05% of rdg +3.0°C) ±0.05% of rdg +3.0°C) ±5.5°C ±0.05% of rdg +3.0°C) ±0.05% of rdg +3.0°C) ±0.05% of rdg +2.0°C) ±0.05% of rdg +2.0°C) ±0.1% of rdg +2.5°C) ±0.1% of rdg +2.5°C) ±0.1% of rdg +2.0°C) ±0.1% of rdg +2.5°C) ameters T: 0.32\$, others: 0.65 acknowledged) 20 mv to 1 V : 30 Vp-p : 2 V to 500 V : 500 Vp-p 60 Vp-p				
accuracy *8 (23°C±5°C) Mhen 30 min. more have ela after power was switched on "litter : Line GND : connect AVD converter Maximum perr	utes or tppsed as tted	Thermo	ocouple	R/S B K E T J		Measurement accuracy ±7.0°C ±5.0°C ±0.05% of rdg +3.0°C) ±0.05% of rdg +3.0°C) ±0.05% of rdg +3.0°C) ±0.05% of rdg +3.0°C) ±0.05% of rdg +2.0°C) ±0.05% of rdg +2.0°C) ±0.05% of rdg +2.0°C) ±0.1% of rdg +2.0°C) ±0.0% of rdg +2.0°C)				
accuracy *8 23°C±5°C) Mhen 30 min. nore have ela switched on iliter : Line SND : connec	utes or tppsed as tted	Thermo	ocouple	R/S B K E T J	$\begin{array}{c} \pm 0.25\% \mbox{ of F.S.} \\ \hline \mbox{Measurement temperature range} \\ 0 \le TS \le 100 \\ 100 < TS \le 100 \\ R:300 < TS \le 1600 \\ S:300 < TS \le 1600 \\ 600 < TS \le 1600 \\ 600 < TS \le 1820 \\ -200 \le TS \le 100 \\ -100 < TS \le 1370 \\ -200 \le TS \le 100 \\ -100 < TS \le 400 \\ -200 \le TS \le 100 \\ -100 < TS \le 1100 \\ 0 \le TS \le 1300 \\ 0 \le TS \le 1300 \\ 0 \le TS \le 2315 \\ \hline \mbox{Reference contact } c \\ \mbox{\ddagger Thermocouple direct} \\ 16 \mbox{ bits (out of which 14 \mbox{ bits are internally} \\ Between input channel terminals \\ \hline \end{tabular}$	Measurement accuracy ±7.0°C ±5.0°C ±0.05% of rdg +3.0°C) ±0.05% of rdg +3.0°C) ±5.5°C ±0.05% of rdg +3.0°C) ±0.05% of rdg +2.0°C) ±0.05% of rdg +2.0°C) ±0.05% of rdg +2.0°C) ±0.1% of rdg +2.5°C) ±0.1% of rdg +2.5°C) ±0.1% of rdg +2.0°C) ±0.1% of rdg +2.0°C) ±0.0% of rdg +2.0°C) ±0.1% of rdg +2.0°C) ±0.0% of rdg +				

*2 Cannot be set for logic input

*3 Maximum input frequency: 50 kHz, maximum number of counts: 1 *4 In real time or when Between Cursors has been specified (duri *51 file = 2 Gbytes (depends on the USB memory stick used) 5 M C ng Replay

*6 Please install two battery packs.

*7 Connections are made to both the BNC terminal and M3 screw term inal for the same channel.

*8 Thermocouple diameters T:0.32φ, others:0.65φ *9 Operating temperature range: -25 to +80°

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Item	Description					
Supported OS	Windows 2000, Windows XP, Windows Vista (32-bit and 64-bit versions)					
Functions	GL900 control, real-time data capture, data conversion					
Setting range	Amp settings, data capture settings, trigger settings, alarm settings, othe					
Captured data	Binary: Sampling speed: 10 μs to 60 s CSV: Sampling speed: 10 ms to 60 s					
	Data conversion	Binary, CSV				
Display information	Analog waveform	veforms, logic waveforms, pulse waveforms, digital values				
File conversion	Data between cu	irsors, All data				
2-screen function (Zoom)	Display of curren	it and past data				
Display of statistics and history	Display of maxim	num, minimum, and ave	rage values			
Options and accessorie	s					
Product name		Model name	Specification			
Battery pack*6		B-517	One pack			
Logic alarm cable		B-513	2 m			
DC drive cable		B-514	2 m			
Humidity sensor ^{*9}		B-530	3 m			
Safe probe		RIC-141	1:1, 42 pF			
BNC-BNC cable		RIC-112	1.5 m			
BNC banana plug cable		RIC-113	1.5 m			
BNC alligator clip cable		RIC-114	1.5 m			
Rod-shaped K-type thermocoup	ble	RIC-410	1.1 m			
K-type thermocouple for static s	surfaces	RIC-420	1.1 m			
L-shaped K-type thermocouple	for static surfaces	RIC-430	1.1 m			
Battery pack Lo	gic alarm cable	DC drive cable	Humidity sensor			



(RIC-410)

K-type thermocouple L-shaped K-type thermocouple for static surfaces for static surfaces (RIC-420) (RIC-430)

Safe probe (RIC-141)

CM-211 CM-114 CM-113 (Leak clamp) CM-112 (Clamp adapter) Current DC 0 to 400A /0 to 2000A 0 to 400A /0 to 1000A 0 to 40A /0 to 400A AC 0 to 400A /0 to 2000A 0 to 400A /0 to 1000A 0 to 300mA /0 to 60A 0 to 40A /0 to 400A Voltage DC O AC C Other Frequency Duty ratio Pulse widt Frequency Duty ratio Pulse width



RoHS Compliant model





GRAPHTEC

80

High-speed isolated 8-channel multifunction logger midi LOGGER



http://www.graphtecamerica.com

GL900

ALA A A A A A



High-speed isolated 8-channel multifunction logger

midi LOGGER **GL900**

Data can be captured to PC-friendly **USB** memory sticks

Long-term data can be captured directly external USB memory stick at sampling intervals of from 1 ms to 1 min. For high-speed sampling at intervals faster than 1 ms, up to one million data points can be captured to internal RAM.

1	to	built-in	256-MB	flash	memory	or to	an		
	Easy data transfer to desktop PC.								

I AN / USB Enables data transfers and remote operatio

Example of 8-channel analog measurement

	Capture destination	10µs	100µs	500µs	1ms	10ms	100ms	1s
	Internal RAM (up to one million points)	10 seconds	Approx. 1 min. and 40 sec.	Approx. 8 min. and 20 sec.	Approx. 16 min. and 40 sec.	Approx. 2 hrs. and 40 sec.	Approx. 1 day and 3 hrs.	Approx. 11 days and 13 hrs.
	Internal flash memory (256 MB)	×	x	×	Approx. 11 hrs.	Approx. 4 days	Approx. 49 days	Approx. 493 days
	External USB memory stick (512 MB)	×	x	x	Approx. 22 hrs.	Approx. 8 days	Approx. 98 days	Approx. 986 days
The USB memory stick must be a standard model (without fingerprint recognition or oth						ner proprieta	rv features)	

In compliance with various test requirements, this data logger is capable of performing high-speed simultaneous voltage and temperature measurements

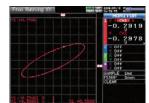
Easy-to-use, upright, high-speed, isolated 8-channel multifunction logger

An easy-to-use upright device enabling isolated 8-channel multifunction input. the GL900 is capable of performing high-speed simultaneous measurements of voltage, temperature, and various other phenomena.



Can be used an X-Y recorder

The GL900 reproduces analog X-Y recorde movements and provides the illusion of pen up/pen down movements. It can be operated like an analog X-Y recorder and can also be used as a 4-pen X-Y recorder. The digital data format facilitates post-measurement confirmation of data values and report creation

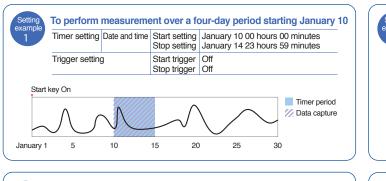


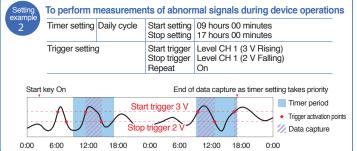
High precision measurement even during high-speed sampling

Lets users perform high-precision temperature measurements even during high-speed sampling - ideal for performing combined voltage and temperature measurements.

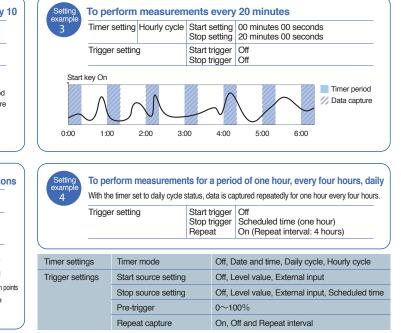
Comprehensive built-in trigger and timer functions

Using a combination of trigger and timer functions eliminates s





uperfluous data and enables capture of only the required data.



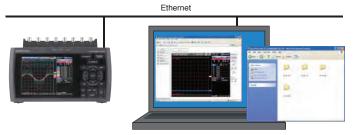
High-voltage measurement capabilities

The bright, easy-to-read large-format 5.7-inch color TFT LCD provides vivid, The wide 500 V range enables 100 to 240 VAC power supply voltage waveform measurements. Using logic input and a clamp meter simultaneously allows easy-to-read waveform displays. Cursor keys enable fast, easy control and measurement of a device's power supply voltage and current concurrently with setup. The waveform display can be scrolled at high-speed - 10 ms/DIV. sequential control of various points.



Easy PC measurement via USB; remote monitoring via ethernet Web server and FTP functions Web server/FTP server functions

The USB and Ethernet connections enable transfer of captured data to your PC and setup and control of the GL900 from a PC, even without the PC software provided standard with the GI 900



Dedicated software for real-time data capture

asurement screens are provided to allow selection of the screen that best suits measurement needs. The Replay screen provides a Zoom screen feature to enable enlarged display of specific sections of long-term measurement data.



C EQ

Measurement screen: FFT

to an Excel file. captured data.

Measurement screen: X-Y

THE .

Built-in, large-format 5.7 inch color LCD for easy-to-read waveforms







5.7-inch color TFT LCD

Cursor keys

Free Running display for waveform-checking without the need for data capture

The Free Running display lets users check input signal waveforms even before measurements begin. Since waveforms are displayed on each setup screen, users can make settings while viewing the waveforms.



Waveform display and GL900 setup operations can be performed via a web browset (e.g., Internet Explorer). In addition, data files captured to the GL900's internal memory or to a USB memory stick can be transferred or deleted from the PC.

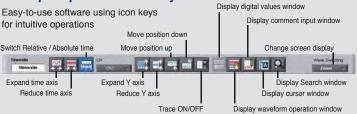
USB drive mode

When your GL900 is connected to your PC via the USB interface, the GL900 can be operated in LISB mode to enable fast, easy data transfers from internal memory to the PC

NTP client function

Simply connect the GL900 to an NTP server via an Ethernet connection to synchronize GL900 time with NTP server time at periodic intervals.

Simple operations for anyone



Convenient functions

Various convenient data-processing functions are built in

Direct to Excel function

This function enables measurement data to be written directly

- Search function
- This function enables searching for specific values in the
- CSV batch conversion function
- This function enables batch conversion of multiple captured files to CSV file format.
- Thumbnail function
- This function enables display of captured data files as thumbnails