| I III | GL900 main unit spo Item | | | | | | | | |
|---|--------------------------------|---|---|--|---|--|--|--|--|
| | | 8 ch | Description | | | | | | |
| External input/output | | | | input | 1 channel), Logic input (4 channels) or Puls | se input (4 channels). | | | |
| External input output | | Trigger input (1 channel), Logic input (4 channels) or Pulse input (4 channels), Alarm output (4 channels) | | | | | | | |
| Sampling interval | | 10µs to 1 min | | | | | | | |
| | | 10 ms/DIV to 24 hour/DIV | | | | | | | |
| | | | | | e, daily cycle, hourly cycle | | | | |
| functions trigger i | | | | | pture starts when a trigger is activated; Sto | p: Data capture stops when a | | | |
| | | | trigger is activated Start: Off, Input signal level (analog, logic/pulse), External*1 | | | | | | |
| Condition | | Stop: Off, Input signal level (analog, logic/pulse), External *1, Scheduled time | | | | | | | |
| | | | | | evel: Level OR, Level AND, Edge OR, Edge | | | | |
| | | | | ng), L | (Falling), Window In* ² , Window Out* ² | | | | |
| | | | | Falling | g, Window In*2, Window Out*2 | | | | |
| Alarm output *1 Pulse input*1, *3 Count mode | | | | | annels: 4, Open collector output (5V, 10 kC | ρull-up resistance) | | | |
| | | | | | PM/F.S. (in steps of 1, 2, or 5) | | | | |
| | Count | | | | F.S. (in steps of 1, 2, or 5) | | | | |
| l Calculation fur | Inst. M | | 50 to 20 M C/F.S. (in steps of 1, 2, or 5) Statistical calculations *4: Average, Peak, Maximum, Minimum, RMS (2 calculations can | | | | | | |
| aculation iui | nouona | • | Statistical calculations *4: Average, Peak, Maximum, Minimum, RMS (2 calculations can be set simultaneously) | | | | | | |
| Other function | IS | | | Search function, annotation input function | | | | | |
| PC inteface | | | | | ASE-T/100BASE-TX), USB (High Speed s | upported) provided as standard | | | |
| Ethernet funct | ions | | Web se | erver fu | inction, FTP server function, NTP client fun | ction | | | |
| JSB function | | | | | de (File transfer and deletion from internal | | | | |
| levite e 1 | Interna | | | | ata points / Internal flash memory:Approx. 2 | 256 MB | | | |
| 1 | Extern | al | | USB memory slot (High speed supported) *5 | | | | | |
| Display screer | ns | | | | digital values, enlarged waveforms, digital v | values + calculation results, X-Y | | | |
| Display unit Dperating env | ironma | nt | | | color LCD o 85% R.H. (15 to 35°C when using batterio | 20) | | | |
| Vithstand volt | | 9111 | | | | | | | |
| vitristaria voit | aye | | Between each input channel and GND: 1000 V p-p for one minute, between input terminals: 1000 Vp-p for one minute | | | | | | |
| | AC ada | apter | | | AC, 50 to 60 Hz | | | | |
| upply | DC inp | ut | 8.5 to 2 | 24 VD0 | 2 | | | | |
| | | pack *6 | Option | | | | | | |
| ower consum | | | | | operating and charging batery with AC pow | er) | | | |
| External dime | | | | | 30 mm (W x H x D), approx. | | | | |
| Veight (appro | | P.P | - | | ding AC adapter and battery) automobile parts Type 1 Category A classification | | | | |
| /ibration-teste | | | | | | Ication | | | |
| Ferminal I | DIOC | k spe | cifica | tion | | | | | |
| tem nput terminal | tuno | Voltage | | BNC connector | | | | | |
| nput terminai | type | Temper | | | M3 screw type terminal board *7 | | | | |
| nput method | | rompo | erature | | All channels isolated Imbalanced input Simul | taneous sampling of all channels | | | |
| | | Voltage | | | 20, 50, 100, 200, 500 mV; 1, 2, 5, 10, 20, 50, 100, 200, 500 V F.S., 1-5 V F.S. | | | | |
| leasurement i | ranges | Voltage | 9 | | 20, 50, 100, 200, 500 mV; 1, 2, 5, 10, 20, 50 | | | | |
| leasurement i | ranges | Voltage Temper | | | 20, 50, 100, 200, 500 mV; 1, 2, 5, 10, 20, 50 Thermocouples : K, J, E, T, R, S, B, N, W | , 100, 200, 500 V F.S., 1-5 V F.S. | | | |
| leasurement i | ranges | | rature | | | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) | | | |
| | ranges | Temper | rature | | Thermocouples : K, J, E, T, R, S, B, N, W | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) | | | |
| nput filter | | Temper Humidi Voltage | rature ty | | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) | | | |
| Neasurement i nput filter Neasurement | | Temper Humidi Voltage | rature ty | Туре | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) Measurement accuracy | | | |
| nput filter Measurement Iccuracy *8 | | Temper Humidi Voltage | rature ty | Type R/S | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz $\pm 0.25\%$ of F.S. Measurement temperature range $0^{\circ}C \le TS \le 100^{\circ}C$ | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) Measurement accuracy ±7.0°C | | | |
| nput filter Measurement ccuracy *8 23°C±5°C) Vhen 30 minu | utes or | Temper Humidi Voltage | rature ty | | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) Measurement accuracy ±7.0°C ±5.0°C | | | |
| nput filter Measurement ccuracy *8 23°C±5°C) Vhen 30 minu nore have ela | utes or apsed | Temper Humidi Voltage | rature ty | | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) Measurement accuracy ±7.0°C | | | |
| nput filter Measurement ccuracy *8 23°C±5°C) Vhen 30 minu nore have ela fter power wa | utes or apsed | Temper Humidi Voltage | rature ty | | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) 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 | | | |
| nput filter Measurement 23°C±5°C) Vhen 30 minu nore have ela fiter power wa witched on iilter : Line | utes or apsed as | Temper Humidi Voltage | rature ty | R/S B | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) 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) | | | |
| nput filter Measurement 23°C±5°C) Vhen 30 minu nore have ela fiter power wa witched on iilter : Line | utes or apsed as | Temper Humidi Voltage | rature ty | R/S | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) Measurement accuracy ±7.0°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) | | | |
| nput filter leasurement ccuracy *8 23°C±5°C) Vhen 30 minu nore have ela fter power wa witched on ilter : Line | utes or apsed as | Temper Humidi Voltage | rature ty | R/S B K | $\label{eq:constraint} \begin{split} & Thermocouples: K, J, E, T, R, S, B, N, W\\ & 0 to 100% (voltage 0 V to 1 V scaling comOff, Line, 5 Hz, 50 Hz, 500 Hz \pm 0.25% of F.S. \\ & Measurement temperature range & 0^{\circ}C \leq TS \leq 100^{\circ}C \\ & 100^{\circ}C < TS \leq 300^{\circ}C \\ & R:300^{\circ}C < TS \leq 100^{\circ}C \\ & R:300^{\circ}C < TS \leq 1760^{\circ}C \\ & 300^{\circ}C < TS \leq 1760^{\circ}C \\ & 400^{\circ}C < TS \leq 1820^{\circ}C \\ & -200^{\circ}C < TS \leq 1370^{\circ}C \\ & -100^{\circ}C < TS \leq 1370^{\circ}C \\ \end{split}$ | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) | | | |
| nput filter leasurement ccuracy *8 23°C±5°C) Vhen 30 minu nore have ela fter power wa witched on ilter : Line | utes or apsed as | Temper Humidi Voltage | rature ty | R/S B | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) Measurement accuracy ±7.0°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) | | | |
| nput filter leasurement ccuracy *8 23°C±5°C) Vhen 30 minu nore have ela fter power wa witched on ilter : Line | utes or apsed as | Temper Humidi Voltage | rature ty | R/S B K | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) ±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) | | | |
| nput filter leasurement ccuracy *8 23°C±5°C) Vhen 30 minu nore have ela fter power wa witched on ilter : Line | utes or apsed as | Temper Humidi Voltage | rature ty | R/S B K E T | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) Measurement accuracy ±7.0°C ±5.0°C ±0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.1% of rdg +2.5°C) | | | |
| nput filter leasurement ccuracy *8 23°C±5°C) Vhen 30 minu nore have ela fter power wa witched on ilter : Line | utes or apsed as | Temper Humidi Voltage | rature ty | R/S B K E | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) 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 +2.0°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +1.5°C) ±3.7°C | | | |
| nput filter leasurement ccuracy *8 23°C±5°C) Vhen 30 minu nore have ela fter power wa witched on ilter : Line | utes or apsed as | Temper Humidi Voltage | rature ty | R/S B K E T | $\label{eq:constraint} \begin{split} & Thermocouples: K, J, E, T, R, S, B, N, W\\ & 0 to 100% (voltage 0 V to 1 V scaling comOff, Line, 5 Hz, 50 Hz, 500 Hz \pm 0.25% of F.S. \\ & Measurement temperature range 0°C \leq TS ≤100°C 100°C < TS ≤300°C R:300°C < TS ≤1600°C S:300°C < TS ≤1760°C 400°C < TS ≤1760°C 600°C < TS ≤1760°C -200°C < TS ≤100°C -100°C < TS ≤100°C -100°C < TS ≤100°C -200°C ≤ TS <-100°C -100°C < TS ≤100°C -200°C ≤ TS <-100°C -200°C ≤ TS <-100°C -200°C < TS <-100°C -200°C < TS <-100°C -200°C <-100°C <-100°C -200°C <-100°C <-100°C -200°C <-100°C <-100°C -200°C <-100°C <-100°C -100°C <-100°C <-100°C -100°C <-100°C -100°C <-100°C <-100°C -100°C <-100°C -100°C <-100°C <-100°C -100°C -100°C $ | , 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) *7.0°C ±7.0°C ±0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.1% 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 +1.5°C) ±3.7°C | | | |
| nput filter leasurement ccuracy *8 23°C±5°C) Vhen 30 minu nore have ela fter power wa witched on ilter : Line | utes or apsed as | Temper Humidi Voltage | rature ty | R/S B K E T | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) Measurement accuracy ±7.0°C ±5.0°C ±0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +2.5°C) ±2.7°C ±2.7°C ±2.7°C | | | |
| nput filter Measurement 23°C±5°C) Vhen 30 minu nore have ela fiter power wa witched on iilter : Line | utes or apsed as | Temper Humidi Voltage | rature ty | R/S B K E J | $\label{eq:constraint} \begin{split} & Thermocouples: K, J, E, T, R, S, B, N, W\\ & 0 to 100% (voltage 0 V to 1 V scaling comOff, Line, 5 Hz, 50 Hz, 500 Hz \pm 0.25% of F.S. \\ & Measurement temperature range 0°C \leq TS ≤100°C 100°C < TS ≤300°C R:300°C < TS ≤1600°C S:300°C < TS ≤1760°C 400°C < TS ≤1760°C 600°C < TS ≤1760°C -200°C < TS ≤100°C -100°C < TS ≤100°C -100°C < TS ≤100°C -200°C ≤ TS <-100°C -100°C < TS ≤100°C -200°C ≤ TS <-100°C -200°C ≤ TS <-100°C -200°C < TS <-100°C -200°C < TS <-100°C -200°C <-100°C <-100°C -200°C <-100°C <-100°C -200°C <-100°C <-100°C -200°C <-100°C <-100°C -100°C <-100°C <-100°C -100°C <-100°C -100°C <-100°C <-100°C -100°C <-100°C -100°C <-100°C <-100°C -100°C -100°C $ | 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) *7.°C ±5.°C ±0.05% of rdg +3.°C) ±(0.05% of rdg +3.°C) ±(0.1% of rdg +3.°C) ±(0.05% of rdg +3.°C) ±(0.1% of rdg +3.°C) ±(0.1% of rdg +3.°C) | | | |
| nput filter Measurement 23°C±5°C) Vhen 30 minu nore have ela fiter power wa witched on iilter : Line | utes or apsed as | Temper Humidi Voltage | rature ty | R/S B K E T J | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) Measurement accuracy ±7.°°C ±5.°°C ±0.05% of rdg +3.0°C) ±(0.05% of rdg +2.0°C) ±(0.1% of rdg +2.0°C) | | | |
| nput filter Measurement ccuracy *8 32°c.5°C) Vhen 30 minu, nore have ela 32°c.5°C) ther power wa witched on ilter : Line ND : connec | utes or upsed as | Temper Humidi Voltage | rature ty | R/S B K E T J | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) *7.0°C *5.0°C *0.05% of rdg +3.0°C) *(0.05% of rdg +2.0°C) *(0.1% of rdg +2.5°C) ompensation accuracy : ±1.0°C | | | |
| nput filter feasurement iccuracy *8 23°C±5°C) When 30 min. nore have ela fiter power we witched on itter : Line SND : connec VD converter | utes or upsed as | Temper Humidi Voltage Thermo | ty a a couple | R/S B K E T J | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) *7.0°C *5.0°C *0.05% of rdg +3.0°C) *(0.05% of rdg +2.0°C) *(0.1% of rdg +2.5°C) ompensation accuracy : ±1.0°C | | | |
| nput filter fleasurement ccuracy *8 23°C±5°C) When 30 minin ore have ela fiter power we witched on ifter 2 inte SND : connec | utes or upsed as | Temper Humidi Voltage Thermo | ty a a couple | R/S B K E T J | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz 20.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) *7.0°C ±5.0°C ±0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.1% of rdg +2.0°C) ±(0.1% of rdg +2.5°C) ±(0.1% of rdg +2.0°C) ±(0.1% of rdg +2.0°C) | | | |
| nput filter | utes or upsed as | Temper Humidi Voltage Thermo | ty a a couple | R/S B K E T J | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz 20.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | 100, 200, 500 V.F.S., 1-5 V.F.S. (WRe5-26) version) with B-530 (option) *7.0°C ±5.0°C ±0.05% of rdg +3.0°C) ±(0.05% of rdg +3.0°C) ±(0.1% of rdg +2.0°C) ±(0.1% of rdg +2.0°C) | | | |
| nput filter feasurement iccuracy *8 23°C±5°C) When 30 min. nore have ela fiter power we witched on itter : Line SND : connec VD converter | utes or upsed as | Temper Humidi Voltage Thermo | ty a a couple | R/S B K E T J | $\begin{tabular}{lllllllllllllllllllllllllllllllllll$ | 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) Measurement accuracy ±7.°°C ±5.°°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) ±(0.0% of rdg +2.0°C) | | | |
| nput filter feasurement iccuracy *8 23°C±5°C) When 30 min. nore have ela fiter power we witched on itter : Line SND : connec VD converter | utes or upsed as tted | Temper Humidi Voltage Thermo | ty a a couple | R/S B K E T J | Thermocouples : K, J, E, T, R, S, B, N, W 0 to 100% (voltage 0 V to 1 V scaling com Off, Line, 5 Hz, 50 Hz, 500 Hz ±0.25% of F.S. Measurement temperature range 0°C ≤ TS ≤100°C 100°C < TS ≤300°C | 100, 200, 500 V F.S., 1-5 V F.S. (WRe5-26) version) with B-530 (option) *5.0°C *5.0°C *0.05% of rdg +3.0°C) *(0.05% of rdg +2.0°C) *(0.1% of rdg +2.5°C) ompensation accuracy : ±1.0°C acknowledged) 20 mv to 1 V : ±30VDC 20 V to 500 V : ±500VDC | | | |

*1 Logic alarm cable (B-513) is required.

*2 Cannot be set for logic input

3 Maximum input frequency: 50 kHz, maximum number of counts: 15 M C
 *4 In real time or when Between Cursors has been specified (during Replay)
 *5 1 file = 2 Gbytes (depends on the USB memory stick used) *6 Please install two battery packs.
 *7 Connections are made to both the BNC terminal and M3 screw terminal for the same channel.

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

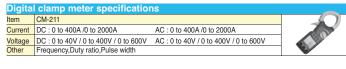
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|-----------------------|--|------|
| Specifications are su | ect to change without notice. | |

GRAPHTEC

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http://www.graphteccorp.com Website

| Item | Description | | | | | | |
|----------------------------|--|---|---|--|--|--|--|
| Supported OS | Windows 2000, V | indows XP, Windows Vista (32-bit and 64-bit versions) | | | | | |
| Functions | GL900 control, re | 00 control, real-time data capture, data conversion | | | | | |
| Setting range | Amp settings, dat | Amp settings, data capture settings, trigger settings, alarm settings, othe | | | | | |
| Captured data | | CSV: Sampling speed: 10 | ary: Sampling speed: 10 μ s to 60 s V: Sampling speed: 10 ms to 60 s | | | | |
| | | Data conversion Binary, CSV | | | | | |
| Display information | Ų | | waveforms, digital values | | | | |
| File conversion | Data between cu | | | | | | |
| 2-screen function (Zoo | m) Display of curren | t and past data | | | | | |
| Display of statistics and | d history Display of maxim | um, minimum, and averag | e values | | | | |
| Options and acc | essories | | | | | | |
| 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 3 m | | | | |
| Humidity sensor*9 | | B-530 | | | | | |
| Safe probe | | RIC-141 | 1:1, 42 pF | | | | |
| BNC-BNC cable | | RIC-112 | 1.5 m 1.5 m | | | | |
| BNC banana plug cab | le | RIC-113 | | | | | |
| BNC alligator clip cabl | е | RIC-114 | 1.5 m | | | | |
| Rod-shaped K-type th | ermocouple | RIC-410 | 1.1 m | | | | |
| K-type thermocouple f | | RIC-420 | 1.1 m | | | | |
| L-shaped K-type therr | nocouple for static surfaces | RIC-430 | 1.1 m | | | | |
| Battery pack *6 (B-517) | Logic alarm cable (B-513) | DC drive cable (B-514) | Humidity sensor ^{*9} (B-530) | | | | |
| 4 | 6 | 6 | 0 | | | | |
| Safe probe (RIC-141) | Rod-shaped K-type thermocouple (RIC-410) | K-type thermocouple for static surfaces (RIC-420) | L-shaped K-type thermocoup for static surfaces (RIC-430) | | | | |



GRAPHTEC

High-speed isolated 8-channel multifunction logger midiLOGGER GLS00-8

88 isolated channels & high speed simultaneous samp GRAPHTEC Voltage Temperature midity Pulse Logic



RoHS Compliant model

ER040909 Vol.3

NEW

397.01

REVEN

ACHIELECTY

POSITION

...

Multifunction input on eight isolated channels

High-speed simultaneous sampling on eight channels, 16-bit resolution

Equipped with a large-format 5.7-inch color LCD for easy-to-read waveform display

PC-friendly USB memory sticks



FLE 200 304

High-speed isolated 8-channel multifunction logger

midi LOGGER GL900

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

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

Long-term data can be captured directly to built-in 256-MB flash memory or to an Easy data transfer to desktop PC

LAN / USB

Enables data transfers and remote operation

| Example o | f 8-channel | analog | measure | ement |
|-----------|-------------|--------|---------|-------|
| | | | | |

| | Capture destination | 10µs | 100µs | 500µs | 1ms | 10ms | 100ms | 1s |
|--|--|---------|------------------------------|---------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------|
| | Internal RAM (up to one million points) | 10 sec. | 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. | 11 days and 13 hrs. |
| | Internal flash memory (256 MB) | × | x | x | Approx. 1 hour | Approx. 11 hrs. | Approx. 4 days | Approx. 46 days |
| | External USB memory stick (512 MB) | × | x | x | Approx. 2 hrs. | Approx. 22 hrs. | Approx. 9 days | Approx. 93 days |
| | The USB memory stick must be a standard model (without fingerprint recognition or other proprietary 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 as an X-Y recorder

The GL900 reproduces analog X-Y recorder 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.

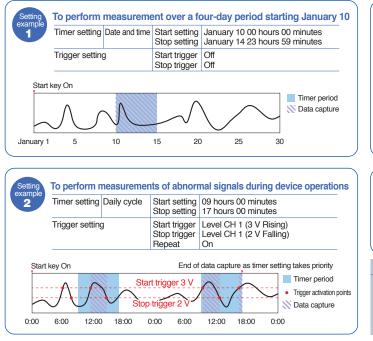


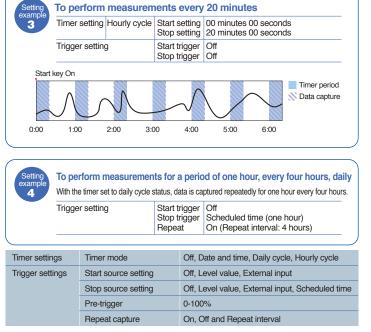
High-precision temperature measurement even during high-speed sampling

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

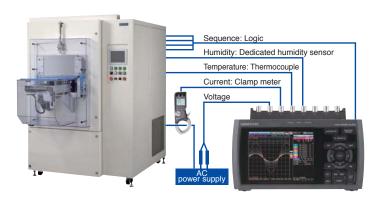
Using a combination of trigger and timer functions eliminates superfluous data and enables capture of only the required data





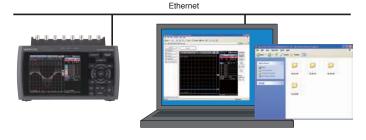
High-voltage measurement capability

The wide 500 V range enables 100 to 240 VAC power supply voltage waveform measurements. Using logic input and a clamp meter simultaneously allows measurement of a device's power supply voltage and current concurrently with sequential control of various points.



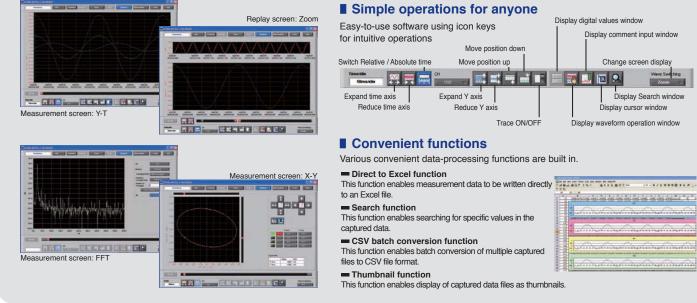
Easy PC measurement via USB: remote monitoring via Ethernet web server and FTP functions

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 GL900



Dedicated software for real-time data capture

Three measurement 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.

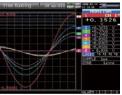


Built-in, large-format 5.7-inch color LCD for easy-to-read waveforms

The bright, easy-to-read large-format 5.7-inch color TFT LCD provides vivid, easy-to-read waveform displays. Cursor keys enable fast, easy control and setup. The waveform display can be scrolled at high-speed - 10 ms/DIV.







5.7-inch color TFT LCD

Cursor kevs

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.



Web server/FTP server functions

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 USB 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.