GRAPHTEC

General Purpose Data Acquisition System Modular Data Acquisition PLATFORM DATA PLATFORM GL7000

Next Generation Data Acquisition Unit with Touch Panel Control On-Demand Signal Acquisition Embedded Monitoring and Datalogging Solution



Attach up to 10 input/output modules in a mixed condition environment

Corresponds to various measurement types (physical, mechanical, and electrical)

Supports a variety of storage media including a SSD module with a capacity of 128GB

www.graphteccorp.com

New Generation Data Acquisition Platform - GL7000 -Display module allows a stand-alone operation or an embedded systems environment with touch-panel control

Input/output module has capacity to attach up to 10 units with mixed signals (temp, high voltage, high speed, strain, vibration, etc.)

Allows up to 112 channels in one main unit by attaching up to 10 units of the input/output modules.*1 Detachable display module enables the GL7000 to bre used in a stand-alone platform or to be embedded into the acquisition system. Control and monitoring via the PC or display module may be done independtnly or in conjuctions with one another.

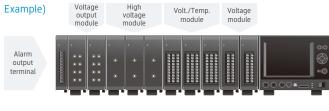


MODULE OPTIONS (8 TOTAL) - Compatible with various electrical, mechanical, and physical measurement needs.

Voltage	Volt./Temp.	High-speed	High Voltage
Module	Module	Voltage Module	Module
GL7-V	GL7-M	GL7-HSV	GL7-HV
DC Strain	Charge	Voltage Output	Logic/Pulse
Module	Module	Module	Module
GL7-DCB	GL7-CHA	GL7-DCO	GL7-L/P

Maintains the maximum sampling speed even when the number of input/output modules are increased *1

• Each of the 10 units can include a different input/output module *2



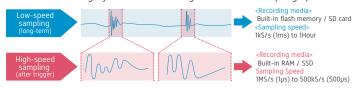
 Up to 10 input/output modules of the same kind can be attached to one main unit *2



Dual-Sampling Feature (Firmware version 2.0 or later)

Example)

Dual sampling speed can now be configured at the same time. While recording long intervals on the slow sampling speed, trigger set can start recording dynamic transient signals at a fast sampling speed.



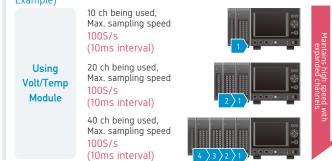
LAN straight cable (CAT5 or higher class, length up to 10m) allows an extended display option for:





Up to 10 input/output modules can be attached to one main unit *2

Example)



Maximum sampling speed will depend on the data destination.

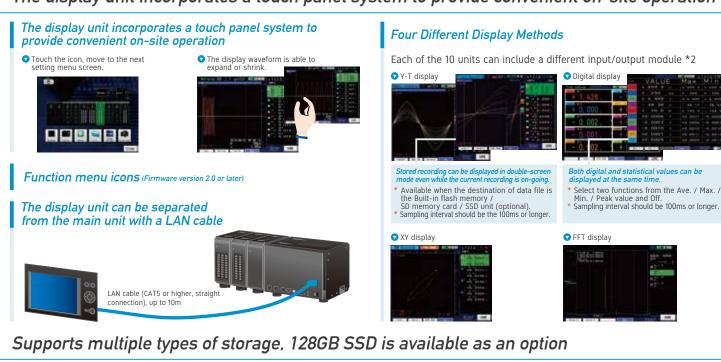
- (RAM and optional SSD module is the fastest, Flash memory, SD Card will be slower.) *2. • If different types of modules are attached,
- the effective sampling speed of the system is to up to the fastest sampling speed among the installed modules.

When the maximum sampling speed of the module is slower than the maximum sampling speed of the fastest amplifier, signal will be sampled with maximum sampling speed of the module. The same data is saved with the system sampling speed until new data is captured on the slower units.

- The number of modules that can be attached is limited by the type of module.
- Up to 10 modules (maximum 112ch with 7 GL7-L/P module, max 100ch with GL7-V or GL7-M module). For Logic/Pulse module (GL7-L/P): Maximum 7 units allowed using logic option (112ch).
- Maximum 2 units allowed using pulse option (12ch). (The mode for logic or pulse can be set for each unit.) For Strain module (617-0CB):
- Maximum 8 units allowed with additional two other amplifier units. (Number ofchannels is limited to 112ch.) • For the logic/pulse module, the number of channels can be limited by the selected sampling speed when the module is attached together with other amplifier modules. Ius sampling interval : up to 8 channels

2µs sampling interval : up to 16 channels (if two modules are attached, channel #1 to #8 in each unit can be used.) When pulse mode is used, the maximum sampling speed is the 100µs. The data will be updated every 100µs.

The display unit incorporates a touch panel system to provide convenient on-site operation



1 Built-in RAM

RAM is built into each of the amplifier modules to allow savings of up to 2 million samples. Increasing the number of channels does not decrease the data capture duration.

3 SD memory card

Useful fui

for data s

and repla

SD card slot (supports SDHC, up to 32GB) is standard on the main module. Captured data can be saved directly on the SD card when sampling speed is slower than 1ms (sampling speed: 1 k Samples/s). Supports hot-swap where SD memory card can be replaced during recording without any data loss.* The captured data can be transferred easily to the PC during offline condition.

Maximum sampling speed and the data capturing time *1

Advantage of SSD • Retain the data even when power is off • High vibration resistance • High-speed access * The hot-swap is possible when the sampling is slower than 100ms. * The number of modules are limited. * The storage capacity might differ by its production date. Number of units, Max. sampling speed (interval) attached to Attached to Attached to Capturing time when single module is attached (when 10 modules are attached Input Module Strage Device Attached to

Input Module	Strage Device	Attacheu to	Attacheu to	Attacheu to	1MS/s (1µs)	100KS/s (10µs)	1KS/s (1ms)	100S/s (10ms)	1S/s (1s)
		1 or 2 modules	3 or 4 modules	5 to 10 modules	1113/3 (143)	100(3/3 (10µ3)	11(3/3 (1113)	1003/3 (10113)	13/3 (13)
High-speed	Built-in RAM (2Msamples)		1MS/s (1µs)		2sec. (2sec.)	20sec. (20sec.)	33min. (33min.)	5hrs. (5hrs.)	23days (23days)
Voltage	Built-in Flash memory (4GB)		1kS/s (1ms)		N/A	N/A	72hrs. (10hrs.)	32days (4days)	3269days (440days)
Module	SD memory card (32GB)*2]	183/3 (1113)		17.6		83hrs. (11hrs.)	34days (4days)	3495days (470days)
Housie	SSD (128GB)*2	1MS/s (1µs)	500KS/s (2µs)	200KS/s (5µs)	4min. (N/A)	44min. (6min.)		SHOUYS (HOUYS)	5475ddy5 (476ddy5)
	Built-in RAM (2Msamples)		1MS/s (1µs)		2sec. (2sec.)	20sec. (20sec.)	33min. (33min.)	5hrs. (5hrs.)	23days (23days)
High Voltage	Built-in Flash memory (4GB)		1kS/s (1ms)		N/A	N/A	109hrs. (17hrs.)	45days (7days)	4577days (715days)
Module	SD memory card (32GB)*2]	163/3 (1113)		IN/A	IN/A	117hrs. (18hrs.)	48days (7days)	4893days (764days)
	SSD (128GB)*2	1MS/s (1µs)	500KS/s (2µs)	200KS/s (5µs)	4min. (N/A)	44min. (11min.)		400ays (70ays)	4075uays (704uays)
DCStrain*3	Built-in RAM (2Msamples)		100kS/s (10µs)			20sec. (20sec.)	33min. (33min.)	5hrs. (5hrs.)	23days (23days)
&Charge	Built-in Flash memory (4GB)		1kS/s (1ms)		N/A		72hrs. (13hrs.)	32days (5days)	3269days (544days)
Module	SD memory card (3GB)*2		163/3 (1113)			N/A	83hrs. (13hrs.)	34days (5days)	3495days (582days)
Housic	SSD (128GB)*2		100kS/s (10µs)		44min. (6min.)		03113. (13113.)	SHUUYS (SUUYS)	5475ddy5 (502ddy5)
	Built-in RAM (2M samples)						33min. (33min.)	5hrs. (5hrs.)	23days (23days)
Voltage	Built-in Flashmemory (4GB)]	1kS/s (1ms)		N/A	N/A	42hrs. (4hrs.)	17days (2days)	1760days (204days)
Module	SD memory card (32GB)*2]	183/3 (1113)		17.6		45hrs. (5hrs.)	18days (2days)	1882days (218days)
	SSD (128GB)*2	1					45115. (5115.)	iouays (zuays)	1002uays (210uays)
	Built-in RAM (2Msamples)							5hrs. (5hrs.)	23days (23days)
Volt./Temp.	Built-in Flash memory (4GB)		100S/s (10ms)		N/A	N/A	N/A	17days (2days)	1760days (204days)
Module	SD memory card (32GB)*2]	1003/3 (101113)		IN/A	IN/A	IN/A	18days (2days)	1882days (218days)
	SSD (128GB)*2							rouays (Zudys)	1002uays (210udys)

Capturing time values are approximately. Data is saved as GBD format files. When data is saved in CSV format, maximum sampling speed will be 10ms regardless of the captured destination and module type. Value of the capturing time is also different from above. (Data cannot be saved to built-in RAM using the CSV format.) The file size of the captured data is limited up to 4GB on firmware version 2.0 or later, 2GB on firmware version 1.6 or before. Reference recording time is for up to 8 modules. (max GL7-DCB and GL7-CHA modules is 8.)

Relay capture	
Data search Movement by cursor Statistical calculation with cu	JI

The SD card can be replaced during recording when the sampling interval is 100ms or slower. When data capturing stops, the most recent data is stored in the memory.

Creates data file up to 4GB continously without losing any recording. (Firmware version 2.0 or later : up to 4GB, Firmware version 1.6 or before : 2GB) *In firmware version 2.0 or later, data capacity or capturing time can be set flexibly by users.

Specific value (measured value, alarm point) of a particular channel in the recorded data can be searched and found automatically The cursor can be moved automatically to a specified time in the recorded data. rsor The statistical calculation (average, max, min, P-P, effective value) can be determined in between the recorded data specified by the cursor.

2 Built-in Flash memory

4 SSD module (128GB)

4GB of Flash memory is built into the main module. Captured data can be saved directly to

SSD module needs

to be set next to

the main module.

the flash memory when sampling speed is less than 1ms (1k Samples/s). Non-volatile

memory (saved data is retained even if the power is turned off). * The storage capacity might differ by its production date

Allows multiple recording of large amount of data to be

saved when optional SSD module is used. It has a high

vibration resistance and the captured data can be saved

directly to the SSD when sampling is not faster than 1µs.

Supports measurement and simulation testing using the voltage output module (GL7-DC0)

Allows a simulation testing by outputting the measured data from signals recorded from various input modules and outputs the data through the voltage output module (GL7-DC0). 1 Captures the abnormal signal

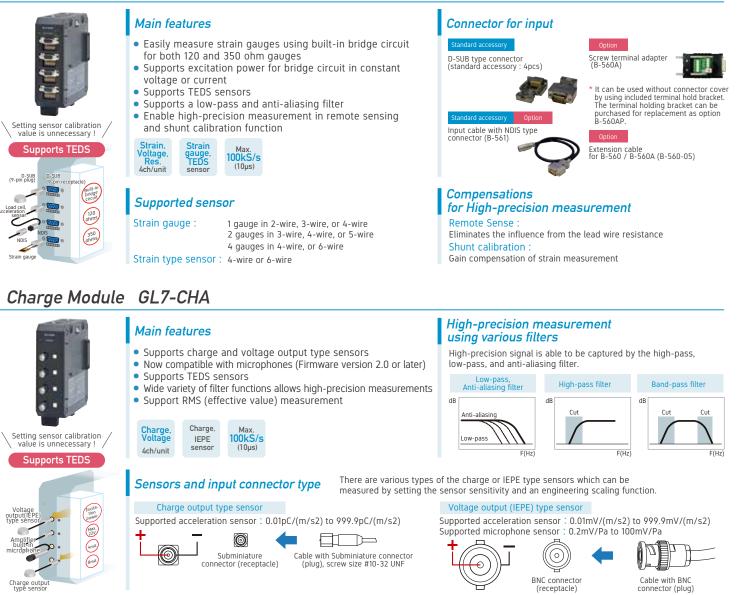


2 Outputs the saved data for driving equipment,

and the signal of various points are measured simultaneously



Signals that are being captured may not be output at the same time. The output current is max 10mA for each channel. Total output current of the unit is 40mA. If the target object needs to be driven by external power, than a power amplifier may be needed.



Voltage Output Module GL7-DC0



Case 1

Test object

Outputs a signal without a PC

Data : Saved measurement data

Main features

- Recorded measurement data can be output as an analog voltage, and reproduce the measured anomalies and recorded data (Temperature, humidity, logic/pulse data is excluded.)
- The reference signal for the test created by the GL-Wave Editor (EXCEL macro) can be output into an analog voltage (Signal: Sine wave, pulse wave (any duty ratio),
- ramp, triangle wave, simple arbitrary waveform, DC.)
 Output voltage: Max. 10V (Output current: Max ±10mA/ch or ±40mA/unit.)

Case 2



Method of analog voltage output

* The GL7000 cannot generate arbitrary data by itself.

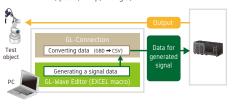
Waveform : Sine, pulse, ramp, triangle, or DC

* GL-Connection and GL-Wave Editor sloftware are standard accessories. * GBD is an abbreviation for Graphtec Binary Data.

Three functions 1 Outputs the stored measuring data 2 Outputs the generated signal 3 Outputs the edited measuring data

Outputs a signal using the module and the PC software

Data : Arbitrary data generated by the software Waveform : Sine, pulse, ramp, triangle, or DC



Output terminal and conversion cable





Output terminal



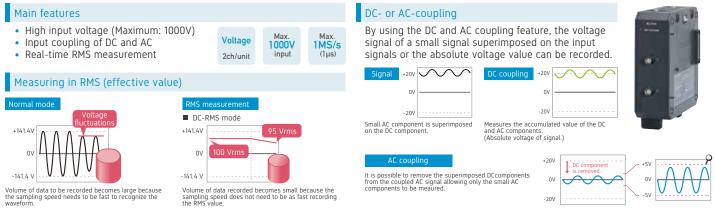
Case 3 Outputs an edited signal using the module and the PC software

Data : Edited measuring data Waveform : Sine, pulse, ramp, triangle, or DC



* Data that is currently recording cannot be output to the DCO module.

High Voltage Module GL7-HV



High Speed Voltage Module GL7-HSV



Voltage/Temperature Module GL7-M

Main features

- All isolated input channels (10ch/unit)
- Supports multiple input types (4-20mA current loop using 250 ohms shunt)
- Voltage : max. 50V Temperature : Thermocouple and RTD
- Humidity : optional sensor (B-530)



Supports one humidity sensor per module (B-530). Additional humidity sensors require an external power supply for the sensors.

Reliable measurement with useful functions

External 1/0 (Input/Output) and Alarm output

Output module is used for triggering, external sampling, start/stop, and auto-balance for input and output using the Input/Output cable for GL (B-513 optional). The signals related to the status of alarms are output from the terminal on the alarm output module.

Alarm output terminal unit Alarm signal output terminal (No.1 to No.10) Alarm GND terminal

Input/Output cable for GL (B-513)



Input • Start/Stop control (1ch) • External trigger (1ch) • External sampling (1ch) • Executing auto balance (1ch) Output. Trigger status (1ch)

WEB and FTP server for remote control and data transfer / Direct USB connection to the main unit



Voltage Module GL7-V

Main features All isolated input channels (10ch/unit) 1kS/s Simultaneous sampling • Maximum input voltage 100V Supports low-pass filter Max. 1kS/s Voltage (1ms) 10ch/unit

Logic/Pulse Module GL7-L/P

Main features

Switching mode between logic or pulse 16ch/unit Logic mode: 1MS/s sampling,



Attachable number of modules; up to 7 modules using Logic mode, up to 2 modules using Pulse mode. In the Pulse mode, there is a limitation of the sampling speed by the number of channels used.

Backup settings

The GL7000 has a function that periodically backs up recording data (refer to the chart below). Here, the user can set the conditions for data backup.

Backup Imag	e				Etherne	t		
							ic backup server.	
								FTP server
Measured	signal		. KCC-0000000000		lemory		e-backup emory card.	SD memory card
Destination	Back	up destin	ation	Ba	ckup inte	rvals	Off 1 2 6	12, 24 hour(s)
of data	SD card	SSD	FTP					
Built-in flash memory	Yes	Yes	Yes		kup dest			y card, SSD, FTP
SD memory card	No	Yes	Yes	record	ling destinat	tion.		ckup function is not
SSD	Yes	No	Yes	availa * When		- inn is set tr	on the back	n function is not available

Yes No Yes *When Ring recording is set to on, the backup function is not available.

NTP client function

The clock on the GL7000 is periodically synchronized with the NTP server.

DHCP client function

The IP address of the GL7000 is automatically obtained from the DHCP server.





Alarm output signal specifications

Open collector output

• Max. current: 2.0 A Max. dissipation: 0.6W

(pull-up resistance 10KΩ)

Rating of the output element > Max. voltage: 50V

Recording safety measures include backing up the data on to the PC

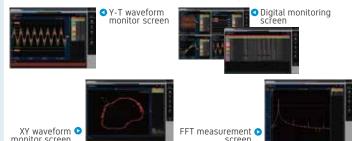
Application software allows a real time saving of the data while the data is being captured on to the memory of the GL7000.

	LAN / USB cable
Storage on GL7000	Transferred data to the PC
Built-in RAM	Captured data is transferred and saved to the PC after the completion of the measurement. During the measurement, free-running mode allows the display of the real time data but not the recording. (Real-time recording is not available using the built-in RAM as the recording destination.)
Built-in flash memory /SD memory card	Captured data is stored to the media and also transferred to the PC simultaneously. Max sampling speed: 1ms/unit when it is saved in the GBD format, 1ms/unit when it is in the CSV format.
SSD	Captured data is transferred and saved to the PC after the completion of the measurement. During the measurement, free-running mode allows the display of the real time data but not the recording. (Real-time recording is not available using the bulk-in RAM as the recording destination.)

Real time recording on the PC can be saved as a CSV file while the data is saved as a GBD file on the main GL7000.
 Maximum sampling speed for this feature is 1ms.

Display options

Allows YT waveform, XY waveform, digital monitoring and FFT measurement (same as the main GL7000 unit)



Useful functions for GL-Connection Software

Supports a user-friendly mouse movement that enables changes in the setting and the related display waveform

Display size of the waveform can be changed using a drag feature on the dotted line with the PC controlled mouse

The scale of the waveform can be changed using the mouse wheel operation.



Large-scale channel measurements

Up to 1120 channels can be recording using the PC platform 10 units of the GL7000 can be connected through 1 PC software using the LAN or the USB hub.

Up to 5 units of the GL7000 can be fully synchronized using the sync. cable

The start/stop trigger, and sampling can be synchronized in the GL7000 when they are connected by a sync cable. The master and slave units are automatically identified. Data is stored in each main unit individually.

Allows connections of Graphtec's midi LOGGER series Maximum channel is up to 2000 when 10 units of GL840 is connected midi LOGGER series

- GL2000, GL980, GL900-4 and GL900-8, GL840, GL820, GL240, GL220 - can all be viewed in real time.

Customized screens for Data Acquisition Professionals

Various control and setting screens for simplified operation



Setup screen It is easily recognize the unit to be connected





Setting menu screen Setting menu on the GL Connection software is similar to the setup screen on the GL7000.



GL-Wave Editor (Excel macro)

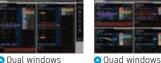
Setting menu for the voltage output module

Setup for the output function using the GL7-DC0 module is set on the GL-Wave Editor (EXCEL macro) with customized data platform for specified measurement.

Multiple window option allows waveforms to be displayed in various forms

* It is required version 2.20

Splits up to 4 windows and each window can display different format (Y-T, XY, FFT, and digits)





Dual windows

Quad windows displaying mixed format

Cursor Sinchronization*

When displaying multiple windows, the cursor positions can be synced.

Module Settings List* Settings of multiple modules can be displayed simultaneously, and setting conditions can now be saved as CSV data.

Disable saving data to PC* : selection for enabling or disabling data recording on the PC and only to the main unit GL7000.

Remote Lock On/Off Feature* : Setting operation is available on GL7000 under control of GL-Connection.

Optional Features Additional functions for data processing

Statistics

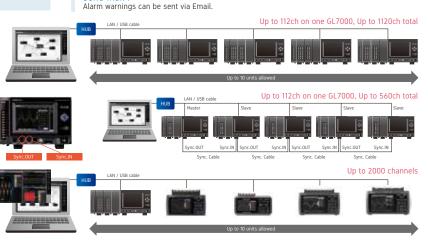
The maximum, minimum, peak, and average values are displayed while capturing data. The value between the cursors of the maximum, minimum, peak, average, and RMS will be displayed when replaying selected data span.

File operation :

Data can be converted to CSV file format for a specified time period, or complete data, or multiple files. A file can also be created by compressing or consolidating multiple files

Search : The search point can be set by the level, alarm, or time (the beginning of the data, center, end, trigger point, the specified time, instruction time, the number specified).

Send mail :



SDK (Software Development Kit) is offered for free Software Development Kit (SDK) is available for real time data transfer and beyond for custom application developed for your need.

• USB driver • Manual (Main unit controls, data communication, data file, etc.) • Sample program (in Visual C++, Visual Basic, .NET framework) • Key commands have been set as modules for simpler implementation with LabVIEW. (Connection, Waveform Display, Digital Indicator, CSV conversion, file acquisition) < Higher module has added

Input / Output Module Specifications

<u>Model numb</u> Number of in	nput channels	GL7-V 10 channels	GL7-HSV 4 channels
Input method	d	All channels isolated unbalanced input,	All channels isolated unbalanced input,
Sampling co	eed (interval)	Simultaneous sampling, Screw terminal (M3 sci 1 k Samples/s to 1 Sample/h (1 ms to 1 hr.)	ew) Simultaneous sampling, BNC connector 1 M Samples/s to 1 Sample/h (1µs to 1 hr.)
Built in RAM	eeu (intervat)	2 million samples for each channel	The samples/s to r sample/in (ips to r hit.)
Measuremen		100, 200, 500 mV, 1, 2, 5, 10, 20, 50, 100 V,	and 1-5 V Full Scale
<u>Measuremen</u> A/D converte	n <u>t accuracy (*1)</u> er	±0.25% of Full Scale Successive approximation type, 16 bits (effec	tive resolution: 1/40000 of the measuring full ran
Input impeda	ance	1 MΩ ±5%	
Maximum nput	Between (+)/(-) terminal Between channels ((-) terminals	100 mV to 1 V range: 60 Vp-p,2 V to 100 V 60 Vp-p	range: 100 Vp-p
voltage	Between channel/GND	60 Vp-p	
Max. voltage (withstand)	Between channels Between channel/GND	1000 Vp-p (1 minute) 1000 Vp-p (1 minute)	
solation	Between input/GND		
Common-ma Frequency re	ode rejection ratio	Min. 90 dB (50/60 Hz, Signal source imped	
Filter	Low pass	DC to 1 kHz (+1/-3 dB) Off, Line(1.5 Hz), 5, 50,	DC to 200 kHz (+1/-3 dB) Off, Line(1.5 Hz), 5, 50, 500, 5k,
Tuto and alian		500 Hz (at -3 dB, 6dB/oct) Approx. 49 x 136 x 160 mm (Excluding proj	50k Hz (at -3 dB, 6dB/cot)
veight	ensions (W×D×H)	Approx. 49 x 136 x 160 mm (Excluding proj Approx. 840 g	Approx. 740 g
/oltage/Tem	perature Input Modul	e Specifications	
Model number	er ıput channels	GL7-M 10 channels	
nput method	d	All channels isolated balanced input, Scans	channels for sampling, Screw terminal (M3 scr
ampling spe Juilt in RAM	eed (interval)	100 Samples/s at 10ch to 1 Sample/h (10 m 2 million samples for each channel	is at 10ch to 1 hr.)
leasurement	Voltage	20, 50, 100, 200, 500 mV, 1, 2, 5, 10, 20, 50	V, and 1-5 V Full Scale
ange	Temperature	Thermocouple: K, J, E, T, R, S, B, N, and W ((WRe5-26)
	Humidity (*2)	RTD: Pt100, JPt100 (JIS), Pt1000 (IEC751) 0 to 100 % RH, using optional humidity sen	sor (B-530)
leasurement	Voltage	±0.1% of Full Scale	
ccuracy (*3)	Temperature Thermocouple R/S	Measurement range 0 ≤ TS ≤ 100°C	Measurement accuracy ± 5.2°C
		100 < TS ≤ 300°C	± 3.0°C
		R: 300 < TS ≤ 1600°C S: 300 < TS ≤ 1760°C	± (0.05% of reading + 2.0°C) ± (0.05% of reading + 2.0°C)
	В	400 s TS s 600°C	± 3.5°C
	К	600 < TS ≤ 1820°C -200 ≤ TS ≤ -100°C	± (0.05% of reading + 2.0°C) ± (0.05% of reading + 2.0°C)
		-100 < TS ≤ 1370°C	± (0.05% of reading + 1.0°C)
	E	-200 ≤ TS ≤ -100°C -100 < TS ≤ 800°C	± (0.05% of reading + 2.0°C) ± (0.05% of reading + 1.0°C)
	Т	-200 ≤ TS ≤ -100°C	± (0.1% of reading + 1.5°C)
		-100 < TS ≤ 400°C	± (0.1% of reading + 0.5°C)
	L	-200 ≤ TS ≤ -100°C -100 < TS ≤ 100°C	± 2.7°C ± 1.7°C
		100 < TS ≤ 1100°C -200 ≤ TS < 0°C	± (0.05% of reading + 1.0°C)
	N	-200 ≤ TS < 0°C 0 ≤ TS ≤ 1300°C	± (0.1% of reading + 2.0°C) ± (0.1% of reading + 1.0°C)
	W	0 ≤ TS ≤ 2000°C	± (0.1% of reading + 1.5°C)
	Reference J	unction Compensation (R.J.C.) accuracy: ±0.	5°C a the T type and 0.45 mm diameter in other tyr
	RTD	Measurement range	n the T type and 0.65 mm diameter in other typ Driving current Accuracy
	Pt100	-200 to 850°C (F.S. = 1050°C)	1 mA ±1.0°C
	JPt100 Pt1000	-200 to 850°C (F.S. = 1050°C) -200 to 500°C (F.S. = 700°C) -200 to 500°C (F.S. = 700°C)	1 mA ±0.8°C 0.2 mA ±0.8°C
.J. Compens	sation	Select internal or external	
v/D converte nput impeda		Sigma-Delta type, 16 bits (effective resoluti 1 M Ω ±5%	on: 1/40000 of the measuring full range)
laximum	Between (+)/(-) terminal		
nput oltage	Between channels ((-) terminals) Between channel/GND		
	Between channels	350 Vp-p (1 minute)	
withstand)	Between channel/GND	350 Vp-p (1 minute)	
solation common-mo	Between input/GND ode rejection ratio	Min. 50 MΩ (at 500 V DC) Min. 90 dB (50/60 Hz, Signal source imped	ance: Max. 300 Ω)
ilter	Moving average	Off, 2, 5, 10, 20, 40	7
		(Moving average in selected number. When	n the sample is longer than 5 seconds, conds) will be used for creating the average valu
V output		Driving the humidity (*2) sensor B-530, 1 c	hannel
xternal dime Veight	ensions (W×D×H)	Approx. 49 x 136 x 160 mm (Excluding proj	ections)
ligh Voltage	Input Module Specifi	Approx. 770 g cations	
1odel numbe	er Iput channels	GL7-HV	
nput method		2 channels All channels isolated unbalanced input, Sin	nultaneous sampling, Isolated BNC connector
	eed (interval)	1 M Samples/s to 1 Sample/h (1 µs to 1 hr.)	• •
uilt in RAM Dut couplin	ig and measurement	2 million samples for each channel AC, DC, AC-RMS, DC-RMS	
1easurement	DC, AC	2, 5, 10, 20, 50, 100, 200, 500, 1000 V Full 5	Scale
ange	DC-RMS, AC-RMS	1, 2, 5, 10, 20, 50, 100, 200, 500 Vrms Full 9 (Crest Factor: up to 4 in 1 to 200 Vrms range	cale
leasurement	DC, AC	±0.25% of Full Scale	
iccuracy (*4)	DC-RMS	Sine wave measurement	
		$\pm 0.5\%$ of Full Scale (at 20 Hz \leq F \leq 1 kHz) $\pm 1.5\%$ of Full Scale (at 1 kHz $<$ F \leq 20 kHz)	
	10 010	Response time: 500ms (Crest Factor is up	to 4)
		Sine wave measurement	
	AC-RMS	±0.5% of Full Scale (at 100 Hz ≤ F ≤ 1 kHz)	
	AC-RM5	$\pm 0.5\%$ of Full Scale (at 100 Hz \leq F \leq 1 kHz) $\pm 1.5\%$ of Full Scale (at 1 kHz < F \leq 20 kHz)	
/D converte		±1.5% of Full Scale (at 1 kHz < F ≤ 20 kHz) Response time: 500 ms (Crest Factor is up	to 4)
v/D converte		±1.5% of Full Scale (at 1 kHz < F ≤ 20 kHz) Response time: 500 ms (Crest Factor is up Successive Approximation type, 16 bits (effective resolution: 1/40000 of the measu	uring full range in the DC and AC coupling,
	er	±1.5% of Full Scale (at 1 kHz < F ≤ 20 kHz) Response time: 500 ms (Crest Factor is up Successive Approximation type, 16 bits (effective resolution: 1/40000 of the measuring 1/20000 of the measuring full range in the	uring full range in the DC and AC coupling,
nput impeda	er	=1.5% of Full Scale (at 1 kHz < F \approx 20 kHz) Response time: 500 ms (Crest Factor is up Successive Approximation type, 16 bits (effective resolution: 1/40000 of the measu 1/20000 of the measuring full range in the 1 MQ \pm 5%	uring full range in the DC and AC coupling,
nput impeda 1aximum nput	er ance Between (+)/(-) terminal Between channels ((-) terminals	±15% of Full Scale (a1 kHz < F ≤ 20 kHz) Response time: 500 ms (Crest Factor is up Successive Approximation type, 16 bits (effective resolution: 1/40000 of the measu 1/20000 of the measuring full range in the 1 MΩ =5% 1000 Vp-p. 300 Vrms AC.	uring full range in the DC and AC coupling,
A/D converte nput impeda Maximum nput roltage Ax voltage	er ance Between (+)/(-) terminals Between channels(iC-) terminals Between channel/GMD	+1.5% of Full Scale (a1 kHz < F ≤ 20 kHz) Response time: 500 ms (Crest Factor Is up Successive Approximation type, 16 bits (effective resolution: 1/40000 of the measu 1/20000 of the measuring full range in the 1 M0 ± 5% 1000 Vp-p 300 Vrms AC	uring full range in the DC and AC coupling,
nput impeda faximum nput oltage fax. voltage	er ance Between (+)/(-) terminal Between channels ((-) terminals	±15% of Full Scale (a1 kHz < F ≤ 20 kHz) Response time: 500 ms (Crest Factor is up Successive Approximation type, 16 bits (effective resolution: 1/40000 of the measu 1/20000 of the measuring full range in the 1/00 ±5% 1000 Vp-p 300 Vrms AC 300 Vrms AC 2300 Vrms AC (1 minute)	uring full range in the DC and AC coupling,
nput impeda Aaximum nput roltage Aax. voltage (withstand) solation	ance Between (+)/(-) terminal Between channels (-) termias) Between channels Between channels Between channels Between channely(SND Between input/SND		vring full range in the DC and AC coupling, DC-RMS, AC-RMS coupling)
nput impeda faximum nput oltage fax. voltage (withstand) solation common-mo	er Between (+)/(-) terminal Between channels ((-) terminals Between channels Between channels Between channel/SND Between channel/SND de rejection ratio		vring full range in the DC and AC coupling, DC-RMS, AC-RMS coupling)
nput impeda faximum nput oltage fax. voltage (withstand) solation common-mo requency re	er Between (+)/(-) terminals Between chanels(-) terminals Between channel/GND Between channel/GND Between input/GND Between input/GND de rejection ratio esponse		vring full range in the DC and AC coupling, DC-RMS, AC-RMS coupling) ance: Max. 300 Ω)
nput impeda faximum oput oltage fax. voltage (withstand) solation common-mo irequency re	er Between (+)/(-) terminal Between channels ((-) terminals Between channels Between channels Between channel/SND Between channel/SND de rejection ratio	I.5% of Full Scale (a1 kHz < F ≤ 20 kHz) Response time: 500 ms (Crest Factor is up Successive Approximation type, 16 bits (effective resolution: 1/40000 of the measu //20000 of the measuring full range in the 1 M0 + 5% 1000 Vp-p 300 Vrms AC 2300 Vrms AC 2300 Vrms AC (1 minute) 2300 Vrms AC (1 minute) Min. 50 MG (at 500 V DC) Min. 50 MG (at 500 V Az) Min. 50 MG (at 500 V Az) Coupling: DC to 200 kHz (+1/-3 dB)	rring full range in the DC and AC coupling, DC-RMS, AC-RMS coupling) ance: Max. 300 Ω) t - 3 dB, 6dB/oct)

 Weight
 Approx. 740 g

 (*)
 Subject to the conditions:

 • Room temperature is 32 °C ± 5 °C. • When 30 minutes or more have elapsed after power was turned on. • Filter is set to LINE.

 • Sampling rate is set to 1 second. • 6ND terminal is connected to ground.

 (*)
 Subject to the conditions:

 • Room temperature is 23 °C ± 5 °C. • When 30 minutes or more have elapsed after power was turned on. • Filter is set to 10.

 • Sampling rate is set to 1 second. • 6ND terminal is connected to ground.

 (*)
 Subject to the conditions:

 • Room temperature is 23 °C ± 5 °C. • When 30 minutes or more have elapsed after power was turned on. • Filter is set to 10.

 • Sampling rate is set to 1 second. • 6ND terminal is connected to ground.

 (*)
 Subject to the conditions:

 • Room temperature is 23 °C ± 5 °C. • When 30 minutes or more have elapsed after power was turned on. • Filter is set to 10.

 • Single exclusion:
 • Conditions:

 • Room temperature is 23 °C ± 5 °C. • When 30 minutes or more have elapsed after power was turned on. • Filter is set to 10.

 • KND terminal is connected to ground. • Masument acracy of RMS is effective for input voltage of 5 to 100% ineach measurement range.

 (*)
 • When the half bridge (Oppsite side) an additional bridge box is required.

 • When a bridge box is used, the connection needs to be 4-wire or 4-wire full bridg

	nput channels	GL7-DCB 4 channels
Input metho	dAll channels isolated eed (interval)	balanced input, Simultaneous sampling, D-SUB type connector (9 pins, receptacle) 100 k Samples/s to 1 Sample/h (10 µs to 1 hr.)
Built in RAM	eed (Interval)	2 million samples for each channel
Input type Measurement	Strain (*5)	Strain, Voltage, Resistance value (including potentiometer) 500, 1000, 2000, 5000, 10000, 20000 με (με: 10-6 strain)0.2, 0.25, 0.4, 0.5, 1, 2, 2.5, 4, 5, 10 mV/
ange	Voltage Resistance	1, 2, 5, 10, 20, 50, 100, 200, 500 mV, 1, 2, 5 V Full Scale 1, 2, 5, 10, 20, 50, 100, 200, 500 Ω, 1, 2, 5, 10, 20, 50 kΩ Full Scale
Measurement accuracy (*4)	Strain	±(0.2% of Full Scale + 10 με) ±(0.2% of Full Scale + 10 μV)
	Resistance	±0.5% of Full Scale (More than 1 hour elapsed after power-on)
A/D converte Gauge ratio	er	Successive Approximation type, 16 bits (effective resolution: 1/40000 of the measuring full rand 2.0 constant
Supported sensor	Strain (*6)	Strain gauge Quarter bridge (single gauge) in 2-, 3- or 4-wire (supports remote sensing in 3- or 4-wire) Half bridge (dual gauge) in 3-, 4-, 5-wire (supports remote sensing in 4- or 5-wire)
		Full bridge (quad gauge) in 4- or 6-wire (supports remote sensing in 6-wire) Transducer/sensor based on a strain gauge Full bridge type in 4-wire, Full bridge type in 6-wire (supports remote sensing)
	Resistance	Resistor, Potentiometer
Bridge resist Built-in elem Excitation power	ance ent of the bridge (*7) Voltage mode	50 Ω to 10 kΩ * Available excitation power varies by selection of element. 120 or 350 Ω for the quarter- and half-bridge 1, 2, 2, 5, 5, 10 V DC * Excitation voltage 5 and 10 V is available when bridge resistance is the 350 Ω or higher.
	Current mode	Constant current: 0.1 to 20 mA (supported voltage is up to 10 V.)
Zero Adjust for Strain gauge	Method Max. Range	Fully automatic (via push button or setting the condition menu) ±10,000με (με: 10-6 Strain)
Remote sens Shunt Calibra	sing ation	3- or 4-wire in quarter bridge, 4- or 5-wire in half bridge, 6-wire full bridge Approx. 60 kΩ (120 Ω gauge), Approx. 175 kΩ (350 Ω gauge)
Maximum input	Between (+) / (-) terminal Between channels ((-) terminals)	10 V, Common-mode voltage: 10 Vrms AC 10 Vp-p
voltage	Between channel / GND	60 Vp-p
Max. voltage (withstand)	Between channels Between channel / GND	1000 Vp-p (1 minute) 1000 Vp-p (1 minute)
Isolation Common-mo	Between channel / GND ode rejection ratio	Min. 100 MΩ (at 500 V DC) Min. 80 dB (50/60 Hz, Signal source impedance: Max. 300 Ω)
Frequency re Filter		DC to 20 kHz DC to 20 kHz Off, Line (1.5 Hz), 3, 6, 10, 30, 50, 60, 100, 300, 500 Hz, 1k, 3k, 5k, 10k Hz (in -30dB/oct)
	Anti-aliasing	Off, On
Support TEDS	Standard Support	IEEE 1451.4 Class2 (Temperate No.33) Reading information from the sensor and setting it to module
	ensions (W x D x H)	Approx. 49 x 136 x 160mm (Excluding Protection) Approx. 840 g
Charge Inpu	t Module Specification	
Model numb Number of ir	nput channels	GL7-CHA 4 channels
Input metho	d	All channels isolated unbalanced input, Simultaneous sampling, BNC and Miniature connector (#10-32UNF)
Sampling sp Built in RAM	eed (interval)	100 k Samples/s to 1 sample/h (10 µs to 1 hr.) 2 million samples for each channel
Input type		Sensor in charge output type, Sensor in IEPE type, Voltage, Microphone(*8)
Input couplir	ıg	Sensor: Charge-RMS, IEPE-RMS Voltage: DC, AC, DC-RMS, AC-RMS
Measurement range	Acceleration sensor input Microphone(*8)	1, 2, 5, 10, 20, 50, 100, 200, 500, 1000, 2000, 5000, 10000, 20000, 50000 m/s ² 200, 400, 500mPa, 1, 2, 4, 5, 10, 20, 40, 50, 100, 400, 500Pa
lange	Voltage input	DC, AC coupling: 50, 100, 200, 500 mV, 1, 2, 5, 10 V
		RMS measurement: 20, 50, 100, 200, 500 mVrms, 1, 2, 5 Vrms (Crest Factor in RMS measurement: up to 4 in 20 mVrms to 2 Vrms range, up to 2 in 5 Vrms range
Supported sensor	Charge output type	0.01 pC/(m/s ²) to 999.9 pC/(m/s ²) Effective range of measurement range varies depending on sensor sensitivity.
sensitivity	IEPE type	0.01 mV/(m/s ²) to 999.9 mV/(m/s ²) Effective range of measurement range varies dependin
	Microphone(*8)	on sensor sensitivity. 0.2mV/Pa to 100mV/Pa
Measurement accuracy (*4)	Charge output type IEPE type	±0.9% of Full Scale ([sensor sensitivity] × [setting range] ≥ 20 pC) ±0.25% of Full Scale ([sensor sensitivity] × [setting range] ≥ 200 mV)
A/D convert Input imped	er	Successive approximation type, 16 bits (effective resolution: 1/40000 of the measuring full rang 100 k Ω ±5%
Excitation po	ower	4 or 8 mA (supported voltage: 22 V ±10%)
Maximum	put charge signal Between (+) / (-) terminal	
input voltage	Between channels ((-) terminals) Between channel / GND	25 Vp-p 25 Vp-p
Max. voltage (withstand)	Between channels Between channel / GND	300 Vp-p (1 minute) 300 Vp-p (1 minute)
Isolation	Between input / GND	Min. 50 MΩ (at 500 V DC)
<u>Common-me</u> Frequency	ode rejection ratio Charge type	Min. 80 dB (50/60 Hz, Signal source impedance: Max. 300 Ω) 1.5 Hz to 45 kHz
response Filter	IEPE type	1 Hz to 45 kHz Off, 0.15, 1, 10 Hz (It depends on input conditions.)
Filler	Hi pass Low pass	Off, Line (1.5 Hz), 3, 6, 10, 30, 50, 60, 100, 300, 500 Hz, 1k, 3k, 5k, 10k Hz (in -30dB/oct)
Support	Anti-aliasing Standard	Off, On IEEE 1451.4 Class1 (Temperate No.25 for sensor, Temperate No.27 for microphone)
TEDS Calculation f	Support	Reading information from the sensor and setting it to module Integration (convert measurement to velocity),
		Double Integration (convert measurement to displacement)
<u>External dim</u> Weight	ensions (W x D x H)	Approx. 49 x 136 x 160mm (Excluding projections) Approx. 850 g
Voltage Outp Model numb	out Module Specificatio	
Number of a	utput channels	8 channels
Output meth Sampling sp	eed (interval)	All channels common ground, SMA (Sub-miniature version A) connector Up to 100 k Samples/s (10 µs)
Output condition	Source of data	Measurement data, Edited measurement data, Generated arbitrary data(*9), Generated simple waveform (DC voltage and sine, triangle, ramp, pulse waveform)
	Source of measurement data	Module of Voltage (GL7-V), Voltage/Temperature (GL7-M), High speed voltage (GL7-HSV), High voltage (GL7-HV), DC strain (GL7-DCB), and Charge (GL7-CHA)
	Output condition	Signal can be measured by the input module even while the signal is output from the DCO modu
Output	Voltage	Measurement data except the temperature, humidity and logic/pulse are able to output. ± 1, 2, 5, 10 V Full Scale
range Output impe	Current dance	Up to \pm 10 mA in each channel (total output current of unit is up to 40 mA.) Max. 1 Ω
Output signa	al accuracy (*10)	40.25% of Full Scale Resolution 16 bits (effective resolution: 1/20000 of the output full range)
D/A convert Filter	Low pass	OFF, Line(1.5 Hz), 5, 50, 500, 5k, 50k Hz
External dim	ensions (W x D x H)	* This filter is the smoothing filter to remove the noise on output of the D/A converter. Approx. 49 x 136 x 160mm (Excluding projections)
√eight	Input Module specifica	Approx. 770g
Model numb	er	GL7-L/P
nput metho		16 channels All channels common ground, Simultaneous sampling, Circular connector (4ch/connector)(*
Sampling speed (interval)	Logic mode Pulse mode	1 M Samples/s to 1 Sample/h (1 µs to 1 hr.) 10 k Samples/s to 1 Sample/h (100 µs to 1 hr.)
Built-in RAM		2 million samples for each channels
Measuremer Pulse input r		Logic input mode or Pulse input mode (*12) Rotation count (RPM), Accumulating count, Instant count
Rotation count (RPM)	Function Span	Counting the number of pulses per sampling interval and then it is converted to RPM 50, 500, 5000, 50 k, 500 k, 5 M, 50 M, 500 M rpm Full Scale
Accumulating	Function	Accumulating the number of pulses from the start of measurement
count	Span Function	50, 500, 5000, 50 k, 500 k, 5 M, 50 M, 500 M counts Full Scale Counting the number of pulses per sampling interval (count is reset at each sampling)
	Span	150, 500, 500, 500 k, 5 M, 50 M, 500 M counts Full Scale 15 M counts (24 bits counter is used)
nstant count		I ID MICOUNTS 124 DILS COUNTER IS USED
Instant count Maximum nu	Voltage range	0 to 24 V (common ground)
nstant count Maximum nu	Voltage range Signal type	0 to 24 V (common ground) Contact (Relay), Open collector, Voltage
Instant count Maximum nu Input signal Filter	Voltage range	0 to 24 V (common ground)

Number of more External Input/ Output	dulo	Description
00000		Attached to up to 10 modules (*1), Max. 112 channels in 1 of GL7000 Start/Stop, External trigger, External sampling, Auto balance (*3) Signal two: Contact (raisu). Open cellector Voltace
signals (*2)	Output	Signal type: Contact (relay). Open collector, Voltage Trigger, Busy (*3), Alarm (10 channels) (*4) Signal type: Open collector (pulled-up by resistor 10 kΩ)
Trigger, Alarm	Trigger action Trigger repeat	Signal type: Open collector (police-op by resistor to Kr) Start or Stop capturing data by the trigger Enabled (ON): Automatically re-armed for the next data capture function
function	ingger iepear	(Hold off repeat action in specified period: Previous start to next start, previous stop to next start)
	Trigger source	Start: Off, Measured signal, Alarm, External signal, Clock, Week or Time
	Trigger determination conditions for	Combination: OR or AND condition at the level of signal or edge of signal Analog: Higher/Rising, Lower/Falling, Window-in, Window-out
	measured signal	Pulse (*5): Higher/Rising, Lower/Falling Pulse (*5): Higher/Rising, Lower/Falling, Window-in, Window-out
	Alarm determination	Combination: OR or AND condition at the level of signal or edge of signal Analog: Higher/Rising, Lower/Falling, Window-in, Window-out
	condition (*6)	Logic (*5): Higher/Rising, Lower/Falling Pulse (*5): Higher/Rising, Lower/Falling, Window-in, Window-out
	Alarm output Pre-trigger (*7)	10 channels Number of data before trigger: Up to specified number of captured data
Calculation function	Between channels	Addition, Subtraction, Multiplication and Division for two analog inputs (Sampling speed is limited up to 10 Samples/s (100 ms interval).
	Statistical	Available arithmetic element and the output destination is the analog input channel 1 to 100.) Select two calculations from Average, Peak, Max., Min. in real time and replay (*8)
Move function of Search function	of the display range n	Beginning, center or end of the data, Trigger point, Specific time (absolute, relative), Call curso Search for analog signal levels, logic signal pattern, pulse signal levels or alarm point in captured data
Annotation fun Message / Mar		Comment can be set in each channel (up to 31 alphanumeric characters) Message: The registered messages or entered message is able to be recorded for any timing.
		Up to 8 messages can be pre-registered. Marker: Marker is able to record for occurring alarm or power failure.
Resume		Resume automatically in the same condition after power is recovered as when the power failure occurred during data capture (*9)
FFT analysis function	Analyzing frequency range Number of points	0.08, 0.2, 0.4, 0.8, 1.6, 2, 3.2, 4, 8, 20, 40, 80, 200, 400, 800 Hz, 2, 4, 8, 20, 40, 80, 200, 400 kHz 500, 1000, 2000, 4000, 10000
(Firmware ver. 1.20 or later)	Window function Averaging	Rectangular, Hanning, Hamming, Blackman, Flat-top, Exponential Summation average, Exponential average, Peak hold
, i	Channels Functions	4 channels Y-T, Linear, Power, PSD, Cross, Transfer function, Coherence, COP
Interface to PC	Display mode	Single display, Dual display, Nyquist Ethernet (10 BASE-T/100 BASE-TX), USB 2.0 (High speed)
Network function USB drive mod	ion	WEB server, FTP server, FTP client, NTP client, DHCP client Emulate the USB memory device (*10)
Storage device	Built-in External (*12)	RAM (2 million samples, built-in amplifier module), Flash memory (4 GB, built-in the main module) (*11) SD card (Support SDHC, up to 32GB) slot, SSD (Approx. 128GB (*11))
Data saving	Sampling speed	The file for capturing data is limited up to 46B. (*13) 1 MS/S(1 milion samples per second) to 1S/h (1 sample per hour), and synchronized with external sampling signal
function	(interval)	(Interval: 1, 2, 5, 10, 20, 50, 100, 20, 500 µs, 1, 2, 5, 10, 20, 500 µs, 1, 2, 5, 10, 20, 30, 1, 2, 5, 10, 20, 30 min, 1 hur)
		 The maximum sapling speed (minimum sampling interval) is different depending on the type of module. * Sampling can be set up to the fastest speed among multiple type connected modules.
		* The maximum sampling seed (minimum sampling interval) varies depending on the specified recording destination. Built-in RAM: up to 1 MS/s (1 µs interval)
		SSD module: up to 500 kS/s (2 µs interval) at 1 or 2 modules installed, up to 200 kS/s (5 µs interval)
		at 3 or 4 modules installed, up to 1 kS/s (1 ms interval) at 5 or 10 modules installed Built-in Flash memory: up to 1 MS/s (1 µs interval)
	Captured data (*12)	
	Data in built-in RAM Auto save (*12)	Specified number of data up 2 million samples in increments of 1 Available for the built-in RAM
		Enabled (ON): Data in the RAM is saved automatically to the built-in Flash, SD memory card, SSD Disabled (OFF): Data in the RAM is not maintained after power is turned off
	Capturing mode (*12)	Ring (*14): Saved most recent data (Number of capturing data: 1000 to 2000000 points,
		Destination of data: Built-in RAM, Built-in Flash, SD memory card, SSD) Relay (*13,*15): Saved data to multiple file without losing data until capturing data is stopped
	During data capture (*17)	(Destination of data: Built-in Flash, SD memory card, SSD) Displaying information in two windows, Hot-swapping the SD memory card, Saving data in between cursors
	Backup (*12)	Backup interval: Off, 1, 2, 6, 12, 24 hrs. Data destination: SD memory card, SSD, FTP server
	Dual	Data destination for backup cannot be specified to the same storage for destination of capturing data. It enables to record signal with two sampling speed. While the signal is recorded with low speed sampling
	sampling function (*18)	for long term recording, the transient part is recorded with high speed sampling after the trigger occurs Carrent (Low-speed)
		Recording media : Built-in flash memory or SD card Sampling interval : 1, 2, 5, 10, 20, 50, 100, 125, 200, 250, 500ms, 1, 2, 5, 10, 20, 30s, 1, 2, 5, 10, 20, 30min, 1h
		Trigger timer feature: Starting time, Stopping time, Repeat recording Event (High-speed)
		Recording media : Built-in RAM or SSD (optional) Sampling interval : 1, 2, 5, 10, 20, 50, 100, 200, 500us
Engineering sc	cale function	Sampling interval : 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit
Engineering sc	ale function	Sampling interval : 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by four reference points (gain, offset) Temperature: Converts by two reference points (offset)
Synchronization	n between units	Sampling interval : 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by four reference points (gain, offset) Temperature: Converts by two reference points (offset) Pulse count: Converts by two reference points (gain) Start and Trigger (*16)
Synchronization Operating envir Power source	n between units ironment	Sampling interval : 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by four reference points (gain, offset) Temperature: Converts by two reference points (offset) Pulse count: Converts by two reference points (gain)
Synchronization Operating envir Power source Power consum Standard acces	n between units ironment iption ssories	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by four reference points (gain, offset) Temperature: Converts by two reference points (gain) Pulse count: Converts by two reference points (gain) Start and Trigger (*16) 0 to 40°C, 510 85% RH (non condensed) 100 to 240 V AC, 50 to 60Hz 110VA Quick guide, CD-ROM, AC power cable
Operating envir Power source Power consum Standard acces External dimen	n between units ironment iption	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (gain, offset) Temperature: Converts by two reference points (offset) Pulse count: Converts by two reference points (offset) 504 07.05 504 07.05 504 07.05 504 07.05 504 07.05 504 07.05 505 07.06 504 07.05 504 07.05 505 07.06 506 07.07 507 07.05 508 07.07 508 07.07 508 07.07 508 07.07 508 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07 500 07.07
Synchronization Operating envii Power source Power consum Standard access External dimen Weight *1) Excluding	n between units ronment ssories ssions (W x D x H) g the function module	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by four reference points (glain, offset) Pulse count: Converts by two reference points (glain) Start and Trigger (*16) 0 to 40°C, 5 to 85% RH (non condensed) 100 to 420°C, 5 to 85% RH (non condensed) 1100VA Quick guide, CD-ROM, AC power cable Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 164 smin, 240 pm Main module: Approx. 30 x 134 x 164 smin (Excluding projection) Main module: SD module and therminal: Approx. 30 x 164 smin, Approx. 350 g as the Display module or SSD module. In case of the DC Strain module (6L7-DCB): up to 8 modules
Synchronizatioi Operating envii Power consum Standard acces External dimen Weight *1) Excluding In case of the modu	in between units ironment sories sories nsions (W x D x H) g the function module d he function module ue is used in the log	Sampling interval : 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (offiset) Temperature: Converts by two reference points (offiset) Pulse count: Converts by two reference points (gain) Start and Trigger (*16) 0 to 40°C, 5 to 85% RH (non condensed) 100 to 240°C V AC, 50 to 60Hz 100 to 240°C V AC, 50 to 60Hz 100 VA Quick guide, CD-ROM, AC power cable Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection) Main module : Approx. 2, 2 kg, Alarm output terminal : Approx. 30 g = site Display module or S50 module. In case of the DC Strain module (IC-7D-CB): up to 8 modules due (G/T-L/P): input mode is selected in the logic or pulse for each module, up to 7 modules when ter mode. up to 7 modules when the module is used in the pulse mode.
Synchronizatio Dperating envir Power source Power consum Standard acces External dimen Weight *1) Excluding In case of the modu *2) The Input output ar	n between units ronment uption ssories ssories ssories (W x D x H) the function module the togic/Pulse mo the function module is used in the lo t/Output cable (B-5)	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (offset) Temperature: Converts by two reference points (offset) Pulse count: Converts by two reference points (gain) Start and Trigger (*16) D to 40°C, 5 to 85% RH (non condensed) 100 to 240°C X 60 5% RH (non condensed) 100 to 240°C X 60 5% RH (non condensed) 100 to 240°C X AC, 50 to 60Hz 100 Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Alarn output terminal: Approx. 30 x 136 x 145 xm (Excluding projection) Main module: Approx. 20 x 136 x 145 xm (Excluding projection), Main module: Concount et and the selected in the logic or pulse for each module (b1-7-DCB): up to 8 modules due (61-7-DCP): input mode is selected in the logic or pulse for each module, up to 7 modules whe jc mode, up to 2 modules when the module is used in the pulse mode. 3) is required for connecting the signal. The Auto balance signal input and the Busy signal
Synchronization Dperating envir Power source Power consum Standard acces External dimen Weight *1) Excluding In case of the modu *2) The Input output ar *3) It is avaii	In between units roomment spories ssories sisons (W x D x H) the function module the suggic/Pulse mo t/Output cable (8-5) e available in the D able on the DC strai m signals are output	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by four reference points (offset) Temperature: Converts by two reference points (offset) Polse count: Converts by two reference points (gain) Start and Trigger (*16) 0 to 40°C, 5 to 85% RH (non condensed) 100 to 240°C X 40, 50 to 60Hz 100 to 240°C X 40, 50 to 60Hz 100 to 40°C, 5 to 60Hz 100 ta 40°C, 5 to 60Hz 100 ta 40°C to 85% RH (non condensed) 100 ta 40°C to 85% RH (non condensed) 100 ta 40°C to 85% RH (non condensed) 100 to 40°C to 85% RH (non condensed) 100 to 40°C to 85% RH (non condensed) 100 ta 40°C to 85% RH (non condensed) 100 to 40°C to 85% RH (non condensed) 10 to 40°C to 800to 110 terminal: Approx. 30 ta 14 to 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 ta 14 to 80 mn (Excluding Projection), Alarm output terminal: Approx. 30 ta 14 to 80 mn (Excluding Projection),
Synchronizatio Operating envil Power source Power consum Standard acces External dimen Weight *1) Excluding In case of the modu *2) The Input output ar *3) It is avail. *1 is avail. *6) Method c	In between units roomment spories ssories sisons (W x D x H) the function module the logic/Pulse mo t/Output cable (8-5) able on the DC strai- able on the DC strai- bable on the DC strai- bable on the DC strai- detection	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (gain, offset) Temperature: Converts by two reference points (offset) Pulse count: Converts by two reference points (offset) Dis count: Converts by two reference points (offset) Start and Trigger (*16) Dis 40°C, 50 to 60Hz 100 to 240°C VAC, 50 to 60Hz 100VA Quick quide, CD-ROM, AC power cable Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection) Main module: Approx. 2,2 kg, Alarm output terminal : Approx. 350 g ras the Display module or SSD module. In case of the DC Strain module (6L7-DCB): up to 8 modules whegic module, up to 7 modules whegic or pulse for each module, up to 7 modules whegic module for connecting the signal. The Auto balance signal input and the Busy signal 5 train module (6L7-DCB).
Synchronizatio Operating envir Power source Power consum Standard acces External dimen Weight *1) Excluding In case of the modu *2) The input *1 It is avail *3) It is avail *5) It is avail *5) It is avail *5) It is avail *6) Method c VoluzTen The alarn The alarn The alarn *10 It is avail	n between units roomnent ption ssories sisions (W x D x H) the function module the Logic/Pulse mo le is used in the log the Logic/Pulse mo le used in the log the top the top	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by four reference points (offset) Temperature: Converts by two reference points (offset) Polse count: Converts by two reference points (gain) Start and Trigger (*16) 0 to 40°C, 5 to 85% RH (non condensed) 100 to 240°C X 40, 50 to 60Hz 100 to 240°C X 40, 50 to 60Hz 100 to 40°C, 5 to 60Hz 100 ta 40°C, 5 to 60Hz 100 ta 40°C to 85% RH (non condensed) 100 ta 40°C to 85% RH (non condensed) 100 ta 40°C to 85% RH (non condensed) 100 to 40°C to 85% RH (non condensed) 100 to 40°C to 85% RH (non condensed) 100 ta 40°C to 85% RH (non condensed) 100 to 40°C to 85% RH (non condensed) 10 to 40°C to 800to 110 terminal: Approx. 30 ta 14 to 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 ta 14 to 80 mn (Excluding Projection), Alarm output terminal: Approx. 30 ta 14 to 80 mn (Excluding Projection),
Synchronizatio Operating envir Power source Power consum Standard acces External dimen Weight *1) Excluding In case of the modu *2 It is avail *1 It is avai	In between units ronment uption ssories ssories the function module is used in the big the function module is used in the big the sused in the big the big	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by four reference points (offset) Pulse count: Converts by two reference points (offset) Pulse count: Converts by two reference points (offset) Dis to 40°C, 5 to 85% RH (non condensed) 10 to 40°C, 5 to 85% RH (non condensed) 100 to 240° AC, 50 to 60Hz Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Main module: Approx. 39 x 141 x 160 mm (Excluding Projection), Main module: Approx. 39 x 141 x 161 mm (Excluding projection), Main module: Approx. 30 x 136 x 164 mm (Excluding projection), Main module: Approx. 30 x 136 x 164 mm (Excluding projection), Main module: Approx. 29 x 141 x 160 mm (Excluding projection), Main module: Approx. 29 x 141 x 160 mm (Excluding projection), Main module: Approx. 29 x 141 x 160 mm (Excluding projection), Main module: D z modules when the module is used in the publes mode. Converting the signal. The Auto balance signal input and the Busy signal Sharen Ine (Cr_1 CONCL), Stant Ine (Cr_1 CONCL), Led on the terminal block attached to the main module as standard accessory. Use (GL7-L/P) module. S seconds when the sampling interval is longer
Synchronizatio Deperating envir Power source Power consum Standard acces External dimen Weight *1) Excluding Incase of the modu *2 It is avail *1 It is avai	In between units ronment uption ssories issions (W X D x H) the function module is used in the Gu e sused in the Gu e Gu e Gu e Gu e Gu e Gu e Gu e Gu	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by four reference points (offset) Pulse count: Converts by two reference points (offset) Pulse count: Converts by two reference points (offset) Dis to 40°C, 5 to 85% RH (non condensed) 10 to 40°C, 5 to 85% RH (non condensed) 100 to 240 V AC, 50 to 60Hz Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Main module: Approx. 39 x 141 x 160 mm (Excluding Projection), Main module: Approx. 39 x 141 x 160 mm (Excluding projection), Main module: Approx. 39 x 141 x 160 mm (Excluding projection), Main module: Approx. 30 x 136 x 164 mm (Excluding projection), Main module: Approx. 29 x 141 x 160 mm (Excluding projection), Main module: Approx. 29 x 141 x 160 mm (Excluding projection), Stare the Display module or SSD module. In case of the DC Strain module (GL7-DCB): up to 8 modules whe jc module, up to 2 modules when the module is used in the pulse mode. Strain module: 10 - 2 modules when the module is used in the pulse mode. Strain module: 10 - 2 modules. Strain module: 10 - 2 modules when the module is used in the pulse mode. Strain module: 10 - 2 modules. Strain module: 10 - 2 modules. Strain module: 10 - 2 m
Synchronizatio Operating envir Power source Power consum Standard acces External dimen Weight *1) Excluding in case of the modu *2) The input output at *14) The same *14) His avail *14) His avail *15) His avail *16 Method C Method C Meth	n between units roomment uption ssories sisons (W X D X H) the function module is used in the log U/Output cable (B-S) u/Output cable (B-S) able on the DC strain able on the DC strain bable on the LO strain able on the LO strain the signal strain the cable of detection in is detected in the oblues sampling interval is able when the capture able when the capture trager function max	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by four reference points (offset) Pulse count: Converts by two reference points (offset) Quick guide, CD-ROM, AC power cable Main module: Approx. 23 x 141 x 160 mm (Excluding projection), Alarm output terminal: Approx. 30 x 145 x 165 mm (Excluding projection), Main mod
Synchronization Operating envir Power source Power consum Standard acces External dimen Weight 1) Excluding th case of th c	n between units ronment plion ssories ssories sisons (W x D x H) the function module the togic/Puise mo e available in the D able on the DC strai- e available in the D able on the Logic/P of detection ms. indetected every m is detected every m is	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (offset) Temperature: Converts by two reference points (offset) Pulse count: Converts by two reference points (gain, offset) Start and Trigger (*16) 0 to 40°C, 5 to 85% RH (non condensed) 100 to 240°C to 85% RH (non condensed) 100 to 240°C, 5 to 6 0Hz 100VA Quick quide, CD-ROM, AC power cable Main module: Approx. 793 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: Approx. 793 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Alarm output terminal: bord terminal: Approx. 350 g as the Display module or S50 module. In case of the DC Strain module (GL*DCB): Is required for connecting the signal. The Auto balance signal input and the Busy signal S train module (GL*DCB), In owhen the sampling interval is longer than 5 seconds and reported. sampling interval is isond reported. The
Synchronizatio Derating envil Power source Power consum Standard acces External dimen Weight 1) Excluding the modu (2) The Input output at 4) The alarn The alarn The alarn The re-t 8) Method c 4) When the 4) When desi Available (2) When the (2) When the (3) When desi (4) Whe	n between units ronment ption ssories ssories ssories (W x D x H) the function module the togic/Pulse mo t/Output cable (B-5) e available in the D able on the DC strai- re available in the D able on the Logic/P of detection ms ignals are output able on the Logic/P of detection ms ignals are output able when the captur- trigger function may able when the captur trigger function may able when the captur trigger function may able when the captur trigger function may captured ad desting that function is set to the b	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (offiset) Temperature: Converts by two reference points (offiset) Pulse count: Converts by two reference points (gain) Start and Trigger (*16) 0 to 40°C, 5 to 85% RH (non condensed) 100 to 240°C VAC, 50 to 60Hz 110VA Quick quide, CD-ROM, AC power cable Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: Approx. 2 x Q, Alarm output terminal: Approx. 350 g as the Display module or S50 module. In case of the DC Strain module (L7-DCB): up to 8 modules due (G1-7-L/P): input mode is selected in the logic or pulse for each module, up to 7 modules whe jc module, pot 2 modules when the module is used in the pulse mode. 3) is required for connecting the signal. The Auto balance signal input and the Busy signal 5 strain module (G1-7-DCB). 1 ms when the sampling interval is longer than 5 seconds and reported. sampling interval is is borter than 5 seconds and reported. and (G1-7-L/P) module. 5 seconds when the sampling interval is shorter than 5 seconds and reported. and on the terminal block attached to the main module astandard accessory.
Synchronizatio Derating envi Power consum Standard acces External dimen Weight	n between units ronment plion ssories ssories sisons (W x D x H) the function module the Logic/Puise mo e available in the D able on the DC strai- e available in the D able on the Logic/P of detection ms. indetected every m is detected every m is	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (gain, offset) Temperature: Converts by two reference points (gain, offset) Pulse count: Converts by two reference points (gain, offset) Start and Trigger (*16) 0 to 40°C, 5 to 85% RH (non condensed) 100 to 240°C VAC, 50 to 60Hz 100VA Quick quide, CD-ROM, AC power cable Main module: Approx. 793 v 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection) Main module: Approx. 793 v 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection) Main module: Approx. 793 v 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection) Main module: Captox. 22 kg, Alarm output terminal: Approx. 350 g as the Display module or S50 module. Conduct by module or S50 module. Sterent converting the signal. The Auto balance signal input and the Busy signal S train module (GL7-DCB). to do nte terminal block attached to the main module as standard accessory. ulse (GL7-L/P) module. S seconds when
Synchronization Derating envil Power source Power consum Standard acces External dimen weight 1) Excluding the modu (2) The Input output at (4) The alar The The The The The The alar The ala	n between units ronment plion ssories ssories sisons (W x D x H) the function module the togic/Puise mo us is used in the lo t/Output cable (8-5) detection ms. indetected in the distance output able on the Logic/P of detection ms. is detected every m is detected eve	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (offset) Temperature: Converts by two reference points (offset) Pulse count: Converts by two reference points (gain, offset) Start and Trigger (*16) 0 to 40°C, 5 to 85% RH (non condensed) 100 to 240°C VAC, 50 to 60Hz 100VA Quick quide, CD-ROM, AC power cable Main module: Approx. 793 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: Approx. 22 kg, Alarm output terminal: Approx. 350 g = as the Display module or S50 module. In case of the DC Strain module (S1-POCB); up to 8 modules due (G1-VCP); input mode is selected in the logic or pulse for each module, up to 7 modules wheige mode. : module (G1-POCB). : module (G1-POCB). : module (G1-POCB). : module (G1-POCB). : strain module (G1-POCB). : strain module (G1-POCB). : strain module (G1-POCB). : reval is set between 2 ms to 5 seconds and reported. : sampling interval is isonger than 5 seconds and reported. <t< td=""></t<>
Synchronization Operating envil Power source Power consum Standard acces External dimen Weight 1) Excluding the savait 4) The laru output at 4) The alarn The alarn The alarn The alarn The rel 4) When the 4) When the	n between units ronment ption ssories ssories sisons (W x D x H) the function module the togic/Pulse mo e available in the D able on the DC strai- e available in the D able on the Logic/P of detection ms. Gatected every m is detected every m is d	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (offset) Temperature: Converts by two reference points (offset) Pulse count: Converts by two reference points (gain) Start and Trigger (*16) 0 to 40°C, 5 to 85% RH (non condensed) 100 to 240°C VAC, 50 to 60Hz 1100VA Quick quide, CD-ROM, AC power cable Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: Approx. 22 kg, Alarm output terminal: Approx. 350 g as the Display module or S50 module. In case of the DC Strain module (L7-DCB): up to 8 modules of the CG Strain module (C1-DCB): up to 8 modules wheig cmode, up to 2 modules when the module is used in the pulse mode. 3) is required for connecting the signal. The Auto balance signal input and the Busy signal 5 strain module (C1-DCB). 1 m when the sampling interval is longer than 5 seconds and reported. 5 seconds when the sampling interval is shorter than 5 seconds and reported. 1 m when the sampling interval is longer than 5 seconds and reported. 1 m when the sampling interval is longer than 5 seconds and reported. 1 m swhen the sampling interval is longer than 5 seconds and reported.
Synchronizatio Operating envil Power source Power consum Standard acces External dimen Weight *1) Excluding in case of the modu *2) The Input output at *3) It is avail *4) The alarn Other mo The alarn The alarn The alarn Other mo the modu *1 be alarn other the *1 be alarn other the *1 the alarn other the swind captured *1 the alarn other the *1 the alarn other the *1 the alarn other the swind captured *1 the alarn other the *1 the alarn other the *1 the alarn other the *1 the sould *1 the alarn other the *1 the sould *1 the sould *1 the sould *1 the sould *1 the sould *1 the sould *1 the the *1 the sould *1	n between units roomment spring spring spring the function module the logic/Puise mo ty/Output cable (B-S) ty/Output cable (B-S) ty/Output cable (B-S) ty/Output cable (B-S) ty/Output cable (B-S) ty/Output cable (B-S) ty/Output cable (B-S) able on the Costrain able with the caption is detected in the pp. module: in is detected every in is detected able able when the caption able	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain, offset) Pulse count: Converts by two reference points (grain offset) Pulse conthe terminal block attached to the main module (cl.7-DCB): up to
Synchronizatio Operating envir Power consum Standard acces External dimen Weight	n between units roomment spring spring spring the function module the logic/Puise mod to the spring the function module the suscel in the logic/P due is used in the logic/P able on the Logic/P able on the Logic/P detection np_module; ns detected in the pp_module; ns detected every ns detected every	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (gain, offset) Pulse count: Converts by two reference points (gain) Start and Trigger (16) 0 to 40°C, 5 to 85% RH (non condensed) 100 to 240°C X to 60Hz 1100VA Quick guide, CD-ROM, AC power cable Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: Approx. 23 x 141 x 160 mm (Excluding Projection), Main module: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: Approx. 32 x 136 x 145 mm (Excluding projection), Main module: D module in case of the DC Strain module (6L7-DCB): up to 8 modules due (6L7-L/P); input mode is selected in the logic or pulse for each module, up to 7 modules wheigle module (6L7-DCB). ter on the terminal block attached to the main module as standard accessory. Use (6L7-L/P) module. 5 seconds when the sampling interval is shorter than 5 seconds and reported. sampling interval is longer than 5 seconds and reported. sampling interval is shorter than Ims. The alarm is detected every 5 seconds in the sampling interval is shorter than 5 seconds and reported. sampling interval is shorter than Ims. The al
Synchronizatio Operating ervir Power consum Standard acces External dimen Weight 1) Excluding the modu 4) The laru output ar 4) The alaru The alaru 11 Is available 4) When the 4) When the 50 When the 51 The Spon- 11 The Spon	n between units romment sprine ssories sisons (W X D X H) the function module the logic/Pulse mo ty/Output cable (B-5) with the second the logic/P detection np. module: m is detected in the Logic/P of detection in is detected every m is detected every inger function may able when the capturing inger function in tota sampling interval is sampling the State pressing the State pressi	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (offset) Polse cont: Converts by two reference points (offset) Polse cont: Converts by two reference points (gain) Start and Trigger (16) D to 40°C, 5 to 6 60Hz TIO0 to 240°C X 4C, 50 to 6 60Hz Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Alar module: Approx. 39 x 141 x 160 mm (Excluding Projection), Main module: Approx. 39 x 141 x 160 mm (Excluding Projection), Main module: Approx. 39 x 141 x 160 mm (Excluding Projection), Main module: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: D 2 modules when the module is used in the pulse mode. git condeu, pto 2 modules when the module is used in the pulse mode. 3) Is required for connecting the signal. The Auto balance signal input and the Busy signal 5 Strain module (GL7-DCB), ted on the terminal block attached to the main module as standard accessory. ulse (GL7-L/P) module. 5 seconds when the sampling interval is shorter than 5 seconds and reported. rend data is saved to the buit-in RAM, the captured data is not maintained after a power failure is occurred. 11 ms when the sampling interval is bonter than 5 sel
Synchronizatio Operating envil Power consum Standard acces External dimen Weight 1) Excluding 1 case of the input (2) The Input output ar (4) The alarm Th	n between units romment spring spring spring the function module the logic/Pulse mo tyle is used in the logic/P bid is used in the logic/P tyle module able on the Costrain able on the Costrain the Sate output able on the Logic/P of detection in is detected every in the detected every in the capture data drive mode is staff of memory device or recording data is icity for saving the d in the built-in-RAM, e captured data desi cable (B-S59) is rec tion is able to be a wand high speed si	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (offset) Polse cont: Converts by two reference points (gain, offset) Temperature: Converts by two reference points (gain) Start and Trigger (*16) 10 to 40°C, 50 a 60%2 100 to 240° V AC, 50 to 60%2 Wain module: Approx. 193 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: Approx. 23 x 141 x 160 mm (Excluding Projection), Main module: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: D module: Alarm output terminal: Approx. 350 g as the Display module or SSD module. In case of the DC Strain module (GL7-DCB): up to 8 modules dule (GL7-L/P): input mode is selected in the logic or pulse for each module, up to 7 modules wheigt fc: mode, up to 2 modules when the module is used in the pulse mode. Strain module (GL7-DCB). td on the terminal block attached to the main module as standard accessory. ulse (GL7-L/P) module. S seconds when the sampling interval is longer than 5 seconds and reported. sampling interval is shorter than Ims. The alarm is detected in the sampling interval is shor
Synchronizatio Operating ervir Power consum Standard acces External dimen Weight 1) Excluding 1h case of the module 2) The Input output ar 4) The later 4) The later 7) It is avail 4) The other 7) It is avail 4) The later 7) The solor 4) The USB 6) The Spon 6) The Spon 7) This func 7) This	n between units romment sprine ssories sisons (W X D X H) the function module the logic/Pulse mo up the function module the logic/Pulse mo t/Output cable (B-5) able on the Oc strain able on the Co strain able on the Co strain bis detected in the Io able on the Logic/P of detection in is detected every in is detected every in is detected every in is detected every in is detected every when the sampling interval i sampling spade distance active mode is start of memory device i or recording data is icity for saving the distance or recording the inimited up is peed in limited up is actions are not ax	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (gain, offset) Temperature: Converts by two reference points (gain) Start and Trigger (*16) D to 40°C, 5 to 6 60Hz T00 to 240° V AC, 50 to 6 60Hz T00 to 240° V AC, 50 to 6 60Hz T00 to 240° V AC, 50 to 6 60Hz Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: Approx. 23 x 141 x 160 mm (Excluding Projection), Main module: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: D module and the module in the logic or pulse for each module, up to 7 modules whegic mode, up to 2 modules when the module is used in the pulse mode. S required for connecting the signal. The Auto balance signal input and the Busy signal S train module (GL7-DCB), ted on the terminal block attached to the main module as standard accessory. uise (GL7-L/P) module. S seconds when the sampling interval is longer than 5 seconds and reported. sampling interval is is horter than 1ms. The alarm is detected in the sampling interval is shorter than 5 seconds and reported. treval stable in combination with the trigger settings. <
Synchronizatio Derating ervi Power consum Standard acces External dimen Weight	n between units romment sprine ssories sisons (W x D x H) the function module the Logic/Pulse mo ty/Output cable (B-5) ty/Output cab	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (offset) Polse cont: Converts by two reference points (offset) Polse cont: Converts by two reference points (gain) Start and Trigger (*16) 10 to 40°C, 50 to 60Hz 1100VA Quick quide, CD-ROM, AC power cable Main module: Approx. 193 x 141 x 160 mm (Excluding Projection), Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: Approx. 22 kg, Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection), Main module: OL -DCDB, the the module is used in the pulse mode. 3) is required for connecting the signal. The Auto balance signal input and the Busy signal 5 Strain module (GL7-DCB), ted on the terminal block attached to the main module as standard accessory. uise (GL7-L/P) module. 5 seconds when the sampling interval is shorter than 5 seconds and reported. sampling interval is longer than 5 seconds and reported. and what the sampling interval is shorter than 5 seconds and reported. 11 ms when the sampling interval is botter than 5 seconds and reported. 14 on the sampling interval is shorter than 5 seconds and reported. <t< td=""></t<>
Synchronizatio Operating envir Power consum Standard acces External dimen Weight *1) Excluding In case of the modu *2) The figure *1 The alarn *1 T	n between units rooment uption ssories sories assories the function module the togic/Pulse mo v/output cable (4-5) v/output cable (4-5) m is detected every when the captule able when the captule captured data destination is not a drive mode is starter of memory device - sampling interval i able when the captule captured data destination is not a drive mode is starter of memory device - more solved is not module (51-550) is solved is not or recording data is cicity for saving the d speed is limited up speed in limi	Sampling interval : 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by four reference points (gfain, offset) Pulse count: Converts by two reference points (gfain) Start and Trigger (16) 0 to 40°C, 5 to 85% RH (non condensed) 100 to 240°C, 5 to 85% RH (non condensed) 100 to 100 to 100 to 240°C, 5 to 25% RH (non condensed) 100 to 100 to 100 to 240°C, 5 to 25% RH (non condensed) 100 to 100 to 100 to 270°C, 100 to 100 to 270°C, 100 to 100 to 270°C, 100 to 100 to 270°C, 100 to 270°C, 100 to 100 to 270°C, 100 to 100 to 270°C, 100 to 100 to 270°C, 1
Synchronizatio Operating envir Power consum Standard acces External dimen Weight *1) Excluding in case of the modu *2) The high *1) Excluding in case of the modu *2) The high *3) Ho alorn The alarn Other inn Other i	n between units rooment uption ssories sories assories the function module the togic/Pulse mo the function module the togic/Pulse mo togic/Pulse mo togic/Pulse able on the D statist able when the capture toger function may the of the sampling interval i able when the capture trager function may the of the sampling interval i able when the capture trager function may the of the sampling interval i able when the capture trager function is not a drive mode is statist of memory device r module (GL7-SSD) is re- tion is able to be a speed is limited up toget in limited up toget and the speed as a station speed as a st	Sampling interval: 1, 2, 5, 10, 20, 50, 100, 200, 500µs Measured value can be converted to the engineering unit Analog voltage: Converts by two reference points (glain, offset) Temperature: Converts by two reference points (glain) Start and Trigger (74) 0 to 40°C, 50 to 60Hz 1100 to 50 to 60Hz 1100 to 50 to 60Hz 1100 to 50 to 60Hz 1100 to 70

Supported OS			
E Para		Windows 10 / 8.1	/ 8/ 7 (32/64-bit edition)
Functions		Control GL7000,	Real-time data capture, Replay data, Data format conversion
Controlled unit		Up to 10 units wit	h GL7000, GL2000, GL980, GL900, GL840, GL820, GL240, GL220
		GL7000 only: ma	
		Mixing with GL se	ries: max. 2000 channels
GL7000 Setting	as control		
		* Duilt in DAM (D	emory settings, Trigger and Alarm settings, Other settings nary format), Built-in Flash memory (Binary, CSV format),
Captured data	(14)		
		SD memory car	d (Binary, CSV format), SSD (Binary, CSV format)
		The sampling sp	eed is limited by the number of channels used when data is saved in the CSV format.
		(1 ms per chan	nel. When 10 channels are set, sampling is limited to 10 ms.)
		* When cantured d	ata is saved to the built-in RAM or SSD, data cannot be saved on the PC in real time
Displayed infor	mation		, Logic waveform, Pulse waveform, Digital values
Displayed Infor	IIIduuii		
Display mode		Y-1 wavelorm wi	h digital values, XY graph in real time/replay saved data (ver. 1.20 or later),
		IFFI measuremen	t (ver. 1.20 or later), Cursor information, Capture condition, Alarm informatio
		Measuring condit	ion setting list (*20)
		Content: channel r	umber, line color, annotation, input type, measuring range, filter, unit, span, scaling
		Function: Output	in CSV format, Link to detailed setting
File operation			lata to the CSV data (specific period, all data in one file, multiple files),
ne operation		Converts binary (with compression or by consolidating multiple files.
Varning Functi			e specified address when the alarms occur
Statistical calcu	ulation		laximum, Minimum, Peak or Average
		Replaying data: N	faximum, Minimum, Peak, Average or RMS in between cursors
Search function	n	Search specified	signal level point, alarm point, and time
Cursor synchro			rsor position on multiple screens displaying different data file
JUISUI SYNCHIC	Inzation (~20)		
			ng: Synchronize the cursor position from the beginning of each screen
		Position from pre	sent: Synchronize from the current cursor position of each screen
Release of remot	e lock of GL7000 (*20)	It allows to make sett	ng operation using control panel on GL7000 even when GL7000 is under the control of software
Operation lock			can be locked (It is unlocked with a password.)
FFT analysis	Analyzing frequency range		1.6, 2, 3.2, 4, 8, 20, 40, 80, 200, 400, 800 Hz, 2, 4, 8, 20, 40, 80, 200, 400 kHz
unction		500, 1000, 2000,	
	Number of points	Doctongular 1	ning Hamming Blackman Elat ton Evanantial
Firmware ver.		Rectangular, Han	ning, Hamming, Blackman, Flat-top, Exponential
.20 or later)	Averaging		ge, Exponential average, Peak hold
	Channels	4 channels	
	Functions	Y-T. Linear. Powe	r, PSD, Cross, Transfer function, Coherence, COP
	Display mode	Single display, Dr	al display, Nyquist
lata recording dect	ination selection (*20)	Colocting to roco	d data to GL7000 only or PC together with GL7000
		Selecting to reco	u uata to 627000 only of PC together with 627000
	t data function		BD/CSV format) in the PC, Saved data file (GBD format) in the GL7000,
Version 1.40 o	ir later)		waveform (DC voltage and sine, triangle, ramp, pulse waveform)
		* This function is a	vailable when the analog voltage output module (GL7-DC0) is attached to the GL700
		The signal is out	out from the GL7-DC0 module.
Display module	e GL7-DISP (option)	specification	
1odel number		GL7-DISP	
51 J		5.7-INCN IFI COLO	r LCD monitor (VGA: 640 x 480 dots)
Operation		Touch panel and	Cursor keys (*21)
Operation	uage	English, French,	German, Chinese, Korean, Japanese
Operation Displayed lang	uage	English, French,	German, Chinese, Korean, Japanese
Operation Displayed lang Screen saver		English, French, Turns off back-lig	German, Chinese, Korean, Japanese ht by 10, 30 sec., 1, 2, 5, 10, 30, 60 min.
Display device Operation Displayed lang Screen saver Displayed infor	mation	English, French, Turns off back-lig Waveform in Y-T	Serman, Chinese, Korean, Japanese Iht by 10, 30 sec., 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY
Operation Displayed lang Screen saver Displayed infor Connection cat	mation	English, French, e Turns off back-lig Waveform in Y-T LAN cable (CAT5	Jerman, Chinese, Korean, Japanese ht by 10, 30 sec., 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22)
Dperation Displayed lang Screen saver Displayed infor Connection cat Standard acces	mation ole ssories	English, French, I Turns off back-lig Waveform in Y-T LAN cable (CAT5 Bracket for slante	ierman, Chinese, Korean, Japanese htb yl (1), 30: sec., 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws
Dperation Displayed lang Screen saver Displayed infor Connection cat Standard acces External dimen	mation	English, French, I Turns off back-lig Waveform in Y-T LAN cable (CAT5 Bracket for slante Approx. 187 x 34	Jerman, Chinese, Korean, Japanese ht by 10, 30 sec., 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22)
Deration Displayed lang Displayed infor Displayed infor Connection cat Standard acces External dimen Weight	mation ole ssories isions (W x D x H)	English, French, I Turns off back-lig Waveform in Y-T LAN cable (CAT5 Bracket for slante Approx. 187 x 34 Approx. 530 g	ierman, Chinese, Korean, Japanese htb yl (1), 30: sec., 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws
Deration Displayed lang Displayed infor Displayed infor Connection cat Standard acces External dimen Weight	mation ole ssories	English, French, I Turns off back-liq Waveform in Y-T LAN cable (CAT5 Bracket for slante Approx. 187 x 34 Approx. 530 g Cification	ierman, Chinese, Korean, Japanese htb yl (1), 30: sec., 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws
Deration Displayed lang Screen saver Displayed infor Connection cat Standard acces External dimen Veight SSD module GL	mation ole ssories isions (W x D x H)	English, French, I Turns off back-liq Waveform in Y-T LAN cable (CAT5 Bracket for slante Approx. 187 x 34 Approx. 530 g Cification	ierman, Chinese, Korean, Japanese htb VI (0, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws
Dperation Displayed lang Screen saver Displayed infor Connection cat Standard acces External dimen Weight SSD module Gl Model number	mation ole ssories isions (W x D x H) .7-SSD (option) spe	English, French, I Turns off back-lig Waveform in Y-T LAN cable (CAT5 Bracket for slante Approx. 187 x 34 Approx. 530 g cification GL7-SSD	jerman, Chinese, Korean, Japanese htp VI, 03. osc., 1, 2, 5, 10, 0, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class. Straight connection. Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection)
Deration Displayed lang Screen saver Displayed infor Connection cat Standard acces External dimen Weight SSD module GI Model number Storage device	mation ole ssories isions (W x D x H) .7-SSD (option) spe	English, French, I Turns off back-lit Waveform in Y-T LAN cable (CAT5 Bracket for slante Approx. 187 x 34 Approx. 530 g clification GL7-SSD Solid state disk (:	ierman, Chinese, Korean, Japanese http: V10, 30: sec., 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 550)
Deration Displayed lang Screen saver Displayed infor Jonnection cata Standard acces External dimen Weight SSD module Gl Model number Storage device Capacity (*23)	mation ole ssories isions (W x D x H) . 7-SSD (option) spe	English, French, I Turns off back-lit Waveform in Y-T LAN cable (CAT5 Bracket for slantt Approx. 187 x 34 Approx. 530 g cification [6L7-S5D Solid state disk (? Approx. 128GB (T	ierman, Chinese, Korean, Japanese http VI, 03. 05: cc., 1, 2, 5, 10, 0, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection. Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 50) he file size of the recorded data is limited up to 4GB.)
Deperation Displayed lang Screen saver Displayed infor Connection cal Standard acces External dimen Weight SSD module Gl Model number Estorage device Lapacity (*23) Sampling	mation ole ssories isions (W x D x H) . 7-SSD (option) spe Attached to	English, French, I Turns off back-lit Waveform in Y-T LAN cable (CAT5 Bracket for slante Approx. 187 x 34 Approx. 530 g clification GL7-SSD Solid state disk (:	ierman, Chinese, Korean, Japanese http VI, 03. 05: cc., 1, 2, 5, 10, 0, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection. Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 50) he file size of the recorded data is limited up to 4GB.)
Deperation Displayed lang Screen saver Displayed infor Connection cal Standard acces External dimen Weight SD module GI Model number Storage device Capacity (*23) Sampling Speed	mation ole ssories isions (W x D x H) -7-SSD (option) spe Attached to 1 or 2 modules	English, French, I. Turns off back-liq Waveform in Y-T LAN cable (CATS Bracket for slante Approx. 187 x 34 Approx. 530 g cfication GL7-SSD Solid state disk (: Approx. 128GB (T Max. 1 M Sample,	ierman, Chinese, Korean, Japanese http VID, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 55D) he file size of the recorded data is limited up to 4GB.) 5 (1 µs)
Operation Displayed lang Screen saver Displayed infor Connection cat Standard acces External dimen Weight	mation ole ssories sisions (W x D x H) -7-SSD (option) spe 	English, French, I Turns off back-lit Waveform in Y-T LAN cable (CAT5 Bracket for slantt Approx. 187 x 34 Approx. 530 g cification [6L7-S5D Solid state disk (? Approx. 128GB (T	ierman, Chinese, Korean, Japanese http VID, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 55D) he file size of the recorded data is limited up to 4GB.) 5 (1 µs)
Deperation Displayed lang Screen saver Displayed infor Connection cal Standard acces External dimen Weight SD module GI Model number Storage device Capacity (*23) Sampling Speed	mation ole ssories isions (W x D x H) -7-SSD (option) spe Attached to 1 or 2 modules	English, French, I. Turns off back-liq Waveform in Y-T LAN cable (CATS Bracket for slante Approx. 187 x 34 Approx. 530 g cfication GL7-SSD Solid state disk (: Approx. 128GB (T Max. 1 M Sample,	ierman, Chinese, Korean, Japanese http VID, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 55D) he file size of the recorded data is limited up to 4GB.) 5 (1 µs)
Deperation Displayed lang Screen saver Displayed infor Connection cal Standard acces External dimen Weight SD module GI Model number Storage device Capacity (*23) Sampling Speed	mation ole ssories isions (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules	English, French, I Turns off back-ling Waveform in Y-T LAN cable (CATS) Bracket for slant Approx. 187 x 34 Approx. 530 g clication GL7-SSD Solid state disk (Approx. 1286B (I Max. 1 M Sample, Max. 500 k Samp	ierman, Chinese, Korean, Japanese http U10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 550) he file size of the recorded data is limited up to 4GB.) 5 (1 μs) le/s (2 μs)
Deperation Displayed lang Screen saver Displayed infor Connection cal Standard acces External dimen Weight SD module GI Model number Storage device Capacity (*23) Sampling Speed	mation ble ssories sisions (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to	English, French, I. Turns off back-liq Waveform in Y-T LAN cable (CATS Bracket for slante Approx. 187 x 34 Approx. 530 g cfication GL7-SSD Solid state disk (: Approx. 128GB (T Max. 1 M Sample,	ierman, Chinese, Korean, Japanese http U10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 550) he file size of the recorded data is limited up to 4GB.) 5 (1 μs) le/s (2 μs)
Deration Displayed lang Green saver Displayed infor connection cal standard acces External dimen weight SD module GI Model number SD module GI Model number Gapacity (*23) Sampling speed (*24)(*25)	mation ole spories spories 	English, French, J. Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slant Approx. 303 g difeation GL7-SSD Solid state disk (' Approx. 1286 BC Max. 10 Samp Max. 500 k Samp Max. 200 k Samp	ierman, Chinese, Korean, Japanese http U10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight Connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SSD) he file size of the recorded data is limited up to 4GB.) is (1 µs) le/s (2 µs) le/s (5 µs)
Deration Displayed lang Circen saver Displayed infor connection cal Standard acces External dimen SSD module GI Model number Storage device Lapacity (*23) Lampling Speed (*24)(*25)	mation ble ssories sisions (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to	English, French, Ju Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GLZ-SSD Solid state disk (Max. 1 M Sample, Max. 500 k Samp Max. 200 k Samp	ierman, Chinese, Korean, Japanese http U10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 550) he file size of the recorded data is limited up to 4GB.) 5 (1 μs) le/s (2 μs)
Deration Displayed lang Circen saver Displayed infor connection cat tandard acces External dimen Weight SD module GI Model number Capacity (*23) Sampling Speed (*24)(*25)	mation le ssories ssories ssories (ssories (ssories) (ssori	English, French, J. Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slant Approx. 303 g difeation GL7-SSD Solid state disk (' Approx. 1286 BC Max. 10 Samp Max. 500 k Samp Max. 200 k Samp	ierman, Chinese, Korean, Japanese http U10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight Connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SSD) he file size of the recorded data is limited up to 46B.) is (1 µs) le/s (2 µs) le/s (5 µs)
Dperation Displayed lang circens asver Displayed infor Connection cate Standard accete External dimen Weight 550 module Gl Model number itorage device apacity (*23) ampling speed (*24)(*25) External dimen Veight	mation le ssories ssories ssories (ssories (ssories) (ssori	English, French, J. Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slank Approx. 187 x 34 Approx. 187 x 34 Approx. 1280B (1 Max. 1 M Sample, Max. 500 k Samp Max. 200 k Samp Approx. 220 k Samp	ierman, Chinese, Korean, Japanese hith by 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight romection, Up to 10 m) (*22) d mount, Connection to 10 m) (*22) d mount, Connection up to 10 m) (*22) b for the recorded data is limited up to 4GB.) s (1 μs) le/s (2 μs) le/s (5 μs) x 180 mm (Excluding projection)
peration isplayed lang isplayed lang isplayed lang isplayed lang isplayed lang isplayed lang isplayed lang isplayed i	mation le ssories ssories ssories (ssories (ssories) (ssori	English, French, Ju Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GLZ-SSD Solid state disk (Max. 1 M Sample, Max. 500 k Samp Max. 200 k Samp	ierman, Chinese, Korean, Japanese http: U0, 30: sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only. Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SDD he file size of the recorded data is limited up to 4GB.) s (1 us) le/s (2 us) le/s (5 us) x 180 mm (Excluding projection) Remarks
peration isplayed lang isplayed lang isplayed lang isplayed lang isplayed lang isplayed lang isplayed lang isplayed i	mation le ssories ssories ssories (ssories (ssories) (ssori	English, French, J. Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slank Approx. 187 x 34 Approx. 187 x 34 Approx. 186 B (1 Max. 1 M Sample, Max. 500 k Samp Max. 200 k Samp Approx. 200 k Samp Approx. 200 k Samp Max. 200 k Samp Approx. 770 g Model number B-559	ierman, Chinese, Korean, Japanese hit by 10, 30 sec. 1, 2, 5, 10, 30, 60 min. With digital values, Waveform only. Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SDD he file size of the recorded data is limited up to 4GB.) s (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks
Dperation Displayed lang Siplayed lang Circen saver Displayed infor Connection calc tatandard acce: xternal dimen Weight Spomodule di Model number Diagactiv (*23) Gangetiv (*23) Gangetiv (*23) Sampling Digeotiv (*24) Speed (*24)(*25) External dimen Weight External dimen Weight External dimen Weight	mation le ssories ssories ssories (ssories (ssories) (ssori	English, French, J. Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slank Approx. 187 x 34 Approx. 187 x 34 Approx. 186 B (1 Max. 1 M Sample, Max. 500 k Samp Max. 200 k Samp Approx. 200 k Samp Approx. 200 k Samp Max. 200 k Samp Approx. 770 g Model number B-559	ierman, Chinese, Korean, Japanese hith by 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight nonection, Up to 10 m) (*22) d mount, Connection to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SSD) he file size of the recorded data is limited up to 4GB.) 's (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000
peration isplayed lang isplayed lang isplayed lang isplayed lang isplayed lang isplayed lang isplayed lang isplayed isplayed (*24)(*25) isplayed is	mation le ssories ssories ssories (ssories (ssories) (ssori	English, French, N. Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GL7-SSD Solid state disk (Approx. 1286B (I Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Max. 200 k Samp Approx. 49 x 136 Approx. 49 x 136 Approx. 770 g Model number B-585	ierman, Chinese, Korean, Japanese htb VD, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SD he file size of the recorded data is limited up to 46B.) 5 (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks I m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached.
Dperation Displayed lang iscreen saver Visplayed infor connection cat Jandard acces: xternal dimen veight S50 module Gl Aodel number Jorage device: Janacity (*23) Jampling Display device: Janacity (*24) (*24)(*25)	mation le ssories ssories ssories (ssories (ssories) (ssori	English, French, J. Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slank Approx. 187 x 34 Approx. 187 x 34 Approx. 186 B (1 Max. 1 M Sample, Max. 500 k Samp Max. 200 k Samp Approx. 200 k Samp Approx. 200 k Samp Max. 200 k Samp Approx. 770 g Model number B-559	ierman, Chinese, Korean, Japanese ierman, Chinese, Korean, Japanese with digital values, Waveform only, Digital value, Waveform in XY class, Straight romection, Up to 10 ml (*22) d mount, Connection up to 10 ml (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SSD) he file size of the recorded data is limited up to 4GB.) s (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 1 m long, Synchronizing between GL7000 Can store GL7000 with up to 3 modules.
Jperation Sipplayed lang isrplayed lang isrplayed lang isrplayed lang isrplayed lang isrplayed lang isrplayed for the lang isrplayed isr	mation le ssories ssories (W x D x H) -7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules sions (W x D x H) ccessories	English, French, N Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GL7-SSD Solid state disk (Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Approx. 240 k Samp Approx. 240 k Samp Approx. 240 k Samp Baprox. 49 x 136 Approx. 770 g Model number B-585 B-586	ierman, Chinese, Korean, Japanese htby 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class. Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 500 he file size of the recorded data is limited up to 46B.) 5 (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between 6L7000 (Can carry GL7000 with up to 3 modules. Aust or target right of a modules. Can store GL7000 with up to 3 modules.
peration isplayed lange isplayed ange isplayed informetion cal- tandard acces- tatemal dimen- veight isp module GB ispecty (*23) ampling peed (*24)(*25) isternal dimen- veight ipplichs and acces- term ipplichs and acces- term ipplichs acces- ipplichs acces- term ipplichs acces- ipplichs	mation Je sories sions (W x D x H) .7-SSD (option) spec 	English, French, J. Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slantr Approx. 187 x 34 Approx. 530 g cification GL7-S50 Solid state disk (C Max. 1 M Sample, Max. 500 k Samp Max. 200 k Samp Approx. 290 x 136 Approx. 770 g Model number B-559 B-586 B-586 RiC-10A	ierman, Chinese, Korean, Japanese htby 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class. Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 500 he file size of the recorded data is limited up to 46B.) 5 (1 μs) le/s (2 μs) le/s (5 μs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 (Can carry GL7000 with up to 3 modules. Aust or target right of a modules. Can store GL7000 with up to 3 modules.
pperation isplayed lang icreen saver isplayed lang isplayed lang isplayed lang isplayed lang isplayed for module G for	mation le sories sories sories (W x D x H) -7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules sions (W x D x H) ccessories ogic input fe probe - BNC	English, French, N Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GLZ-SSD Solid state disk (Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Approx. 248 k 1 Approx. 248 k 1 Max. 200 k Samp Max. 200 k Samp Approx. 49 x 136 Approx. 770 g Model number B-585 B-586 RIC-100A RIC-141A	ierman, Chinese, Korean, Japanese htby 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class. Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 500 he file size of the recorded data is limited up to 46B.) 5 (1 μs) le/s (2 μs) le/s (5 μs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 (Can carry GL7000 with up to 3 modules. Aust or target right of a modules. Can store GL7000 with up to 3 modules.
peration isplayed lang isplayed lang isplayed info isplayed info isplayed info isplayed info isplayed info isplayed info isplayed lang isplayed i	mation Je sories sories sories sories sories 2-55D (option) spe - Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to 5 to 10 modules Composition (W X D X H) ccessories Ogic input fe probe – BNC C – BNC	English, French, N Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GL7-SSD Solid state disk (Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Approx. 240 k Samp Approx. 240 k Samp Approx. 240 k Samp Baprox. 49 x 136 Approx. 770 g Model number B-585 B-586	ierman, Chinese, Korean, Japanese http VD, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 500) he file size of the recorded data is limited up to 4GB.) (y up) 10 kg (2 µs) 10 kg (2 µs) 10 kg (5 µs) x 180 mm (Excluding projection) 10 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules. Anst for transforming. The caster can work only on smooth surface. For Logic/Puise module (GL7-L/P), 4 channels, Cable with Alligator clip and IC clip Invalued, 12 m long, 300 VD, CAT II
peration isplayed lang isplayed lang isplayed info isplayed info isplayed info isplayed info isplayed info isplayed info isplayed lang isplayed i	mation Je sories sories sories sories sories 2-55D (option) spe - Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to 5 to 10 modules Composition (W X D X H) ccessories Ogic input fe probe – BNC C – BNC	English, French, J. Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 130 x 30 g Glication GL7-SSD Solid state disk (? Approx. 128GB (I Max. 1 M Sample, Max. 100 k Samp Max. 200 k Samp Model number B-559 B-586 RIC-10A RIC-10A RIC-10A RIC-10A	ierman, Chinese, Korean, Japanese htb VD, 03, 955 cr. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) StD) he file size of the recorded data is limited up to 46B.) f (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between 6L7000 Can carry G17000 with up to 3 modules. Not for transfering. The caster can work only on smooth surface. For Logic/PUB module (5L7-10/2, 4 channels, Cable with Allagator clip and IC clip Insulated, 1.2 m long, 300 V DC, CAT II
peration isplayed and isplayed infor onnection cal- tandard acce- xternal dimen /eight 50 module 60 foddel number torage device apactiv (*23) ampling peed *24)(*25) xternal dimen /eight prions and ac arrying tool torage case robus tof L nync cable apput cable, 58 pput cable, 58	mation Je sories sions (W x D x H) 7-SSD (option) spe 	English, French, J. Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slank Approx. 180 x 34 Approx. 180 x 34 Approx. 1280 B (1 Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp	ierman, Chinese, Korean, Japanese htb VI, 03, 05 ec., 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m (1/22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) S5D he file size of the recorded data is limited up to 4GB.) (x (2 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks I m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules. Not for transferring. The caster can work only on smooth surface. For Logic/Pulse model (G/7-L/P), 4 charnels, Cable with Alligator clip and IIC clip Insulated, 1.5 m long, 300 V DC, CAT II Insulated, 1.5 m long, 1000 V DC, CAT II
peration isplayed lang creen saver isplayed lang Splayed ling Splayed ling Splayed ling Splayed ling Splayed ling and splay splay teres and splay creation and a splay creation	mation le sories isions (W x D x H) .7-SSD (option) spe 	English, French, N. Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GL7-SSD Solid state disk (Approx. 12868 (I Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Model number B-585 B-586 B-586 RIC-10A RIC-143 RIC-143 RIC-147	ierman, Chinese, Korean, Japanese htb VD, 03, 955, c. 1, 2, 5, 10, 0, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SDD he file size of the recorded data is limited up to 46B.) 5 (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules. Not for transfring. The caster can work only on smooth surface. For Logic/Pulse module (GL7-L/P). 4 channels, Cable with Alligator clip and IC cli Insulated, 1.5 m long, .600 V DC, CAT II Insulated, 1.5 m long, .600 V DC, CAT II
peration isplayed lang creen saver iisplayed infor onnection call tandard acce: xternal dimen /eight 50 module G1 for dange device apacity (*23) ampling peed *24)(*25) xternal dimen /eight peins and ac external dimen /eight profins and ac external dimen /eight	mation Je sories sionies (W x D x H) .7-SSD (option) spee 	English, French, J. Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slank Approx. 187 x 34 Approx. 187 x 34 Approx. 186 (1 Max. 1 M Sample, Max. 500 k Samp Max. 200 k Samp Model number B-559 B-586 B-586 B-586 RIC-100A RIC-1412 RIC-142 RIC-147 RIC-147	ierman, Chinese, Korean, Japanese htb VD, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SD he file size of the recorded data is limited up to 4GB.) (y = 10 m) (*2) ke/s (2 µs) ke/s (2 µs) ke/s (5 µs) kx 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules Not for transferring. The caster can work only on smooth surface. For Logic/Pluse module (GJ-L/P), & channels, Cable with Alligator clip and IC clip Insulated, 1.2 m long, 300 V DC, CAT II Insulated, 1.2 m long, 1000 V DC, CAT II Insulated, 1.5 m long, 1000 V DC, CAT II Insulated, 1.6 m long, 1000 V DC, CAT II Insulated, 1.6 m long, 1000 V DC, CAT II Insulated, 1.6 m long, 1000 V DC, CAT II Insulated, 1.6 m long, 1000 V DC, CAT II Insulated, 1.6 m long, 1000 V DC, CAT II Insulated, 1.6 m long, 300 V DC, CAT II Insulated, 1.6 m long, 1000 V DC, CAT II Insulated, 1.6 m long, 1000 V DC, CAT II Insulated, 1.6 m long, 300 V DC, CAT II Insulated,
pjeration isplayed lang isplayed lang isplayed ling isplayed l	mation le ssories isions (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules sions (W x D x H) cessories ogic input fe probe - BNC ic - BNC mana - BNC mana - BNC mana - BNC mana - BNC mana - BNC	English, French, N Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GL7-SSD Solid state disk (Approx. 1286B (I Max. 1 M Sample, Max. 200 k Samp Max. 2	erman, Chinese, Korean, Japanese http U10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class. Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 500 he file size of the recorded data is limited up to 46B.) 5 (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules. Not for transfring. The caster can work only on smooth surface. For Logic/Pulse module (GL7-L/P), 4 channels, Cable with Alligator clip and IC cli Insulated, 15 m long, 1000 V DC, CAT II Insulated, 15 m long, 1000 V DC, CAT II Insulated, 16 m long, 000 V DC, CAT II Insulated, 16 m long, 1000 V DC, CAT II For RIC-143, Aperture I1 mm, 300 V DC, CAT II, Max, 15 A For RC-143, REN-147, Aperture 20 mm, 1000 V DC, CAT II, Max, 22 A
pigrajava Jang pigrajava Jang	mation Je sories sions (W x D x H) .7-SSD (option) spec Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to 5 to 10 modules Sto 10 modules Sto 10 modules Sto 10 modules (C = BNC mana - BNC mana - BNC mana - BNC mana - BNC mana - BNC mana - BNC *26)	English, French, J. Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slank Approx. 187 x 34 Approx. 187 x 34 Approx. 186 (1 Max. 1 M Sample, Max. 500 k Samp Max. 200 k Samp Model number B-559 B-586 B-586 B-586 RIC-100A RIC-1412 RIC-142 RIC-147 RIC-147	ierman, Chinese, Korean, Japanese hith by 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class. Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 500 he file size of the recorded data is limited up to 4GB.) 5 (1 µs) le/s (2 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules. Not for transfrring. The caster can work only on smooth surface. For Logic/Puise module (GL7-L/P), 4 channels, Cable with Alligator clip and IC clip Insulated, 15 m long, 1000 V DC, CAT II Insulated, 15 m long, 1000 V DC, CAT II Insulated, 16 m long, 1000 V DC, CAT II Insulated, 16 m long, 1000 V DC, CAT II For RIC-143, Aperture I1 mm, 300 V DC, CAT II, Max, 15 A For RC-143, RRC-147, Aperture 20 mm, 1000 V DC, CAT II, Max, 32 A
pigrajava Jang pigrajava Jang	mation Je sories sions (W x D x H) .7-SSD (option) spec Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to 5 to 10 modules Sto 10 modules Sto 10 modules Sto 10 modules (C = BNC mana - BNC mana - BNC mana - BNC mana - BNC mana - BNC mana - BNC *26)	English, French, J. Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slamt Approx. 187 x 34 Approx. 187 x 34 Approx. 186 B (1 Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Model number B-559 B-585 B-585 B-585 B-585 B-588 RIC-10A RIC-143 RIC-143 RIC-144 RIC-144 RIC-144 RIC-144 RIC-145	ierman, Chinese, Korean, Japanese http VI, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SSD) he file size of the recorded data is limited up to 4GB.) (5 (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Car store GL7000 with up to 3 modules Not for transferring. The caster can work only on smooth surface. For Logi-CV100 with up to 3 modules attached. Car store GL7000 with up to 3 modules Not for transferring. The caster can work only on smooth surface. For Logi-CV100 with up to 7G, CAT II Insulated, 1.5 m long, 000 V DC, CAT II Insulated, 1.5 m long, 000 V DC, CAT II Insulated, 1.5 m long, 000 V DC, CAT II Insulated, 1.5 m long, 000 V DC, CAT II Insulated, 1.5 m long, 000 V DC, CAT II Insulated, 1.4 m long, 600 V DC, CAT II Insulated, 1.4 m long, 600 V DC, CAT II Insulated, 1.4 m long, 600 V DC, CAT II Insulated, 1.5 m long, 1000 V DC, CAT III Insulated, 1.5 m long, 1000
pieration isplayed lange isplayed lange isplayed linge isplayed linge isplayed linge isplayed linge isplayed linge isplayed linge isplayed isplaye	mation le sories sories sories (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules a or 4 modules a or 4 modules sions (W x D x H) ccessories opic input fe probe - BNC fer probe - BNC mana - BNC mana - BNC mana - BNC mana - BNC ana - BNC and - BNC	English, French, N Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GLZ-SSD Solid state disk (Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Model number B-559 B-586 B-586 B-586 RIC-10A RIC-142 RIC-142 RIC-144 RIC-144 RIC-144 RIC-144 RIC-144 RIC-144 RIC-144 RIC-144 RIC-144 RIC-146 B-513	ierman, Chinese, Korean, Japanese hith by 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class. Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SSD) he file size of the recorded data is limited up to 4GB.) (5 (2 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules. Not for transfrring. The caster can work only on smooth surface. For Logic/Pulse module (GL7-L/P), & channels, Cable with Alligator clip and IC clip insulated, 1.5 m long, 1000 V DC, CAT II Insulated, 1.5 m long, 1000 V DC, CAT II Insulated, 1.6 m long, 300 V DC, CAT II Insulated, 1.6 m
pieration pieration pisolayed inford creens aver pisolayed inford creens aver pisolayed inford creens pisolayed pictor pisolayed pictor pisolayed pictor pisolayed pictor	mation le sories sions (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to 5 to 10 modules Sto 10 modules Sto 10 modules Sto 10 modules Cessories ogic input fe probe – BNC mana – BNC mana – BNC small size) (*26) midle size) (*26) midle size) (*26) midle size) (*26)	English, French, J. Turns off back-lie Waveform in Y-T LAN cable (CATS Bracket for slamt: Approx. 187 x 34 Approx. 187 x 34 Approx. 1868 [1 Max. 1 M Sample, Max. 500 k Samp Max. 200 k Samp Model number B-559 B-586 RIC-10A RIC-143 RIC-143 RIC-144 RIC-144 RIC-145 RIC-146 B-513 B-530	ierman, Chinese, Korean, Japanese http VI, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SSD) he file size of the recorded data is limited up to 4GB.) (5 (1 µs) Isolated to the recorded data is limited up to 4GB.) (5 (1 µs) Remarks I m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Cars fore GL7000 with up to 3 modules Not for transferring. The caster can work only on smooth surface. For Logic/Wave module (17/4), A channels, Cable with Alligator clip and IC cli Insulated, 12 m long, 300 V DC, CAT II Insulated, 15 m long, 1000 V DC, CAT II Insulated, 15 m long, 1000 V DC, CAT II Insulated, 15 m long, 1000 V DC, CAT II Insulated, 16 m long, 1000 V DC, CAT II Insulated, 16 m long, 1000 V DC, CAT II Insulated, 16 m long, 1000 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 16 m long, 600 V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insulated, 170 m long hold V DC, CAT II Insula
pieration isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange isplayed i	mation le ssories ssories ssories (W x D x H) 7-SSD (option) spe Attached to 1 or 2 modules a or 4 modules sions (W x D x H) ccessories ogic input fe probe - BNC (C - BNC mana - BNC mana - BNC mana - BNC mana - SNC small size) (*26) "iddle size) (*26) "iddle size) (*27) ce	English, French, N Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GLZ-SSD Solid state disk (Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Model number B-559 B-585 B-586 RIC-10A RIC-142 RIC-142 RIC-144 RIC-144 RIC-144 B-513 B-530 B-551	ierman, Chinese, Korean, Japanese http VD, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) S50) he file size of the recorded data is limited up to 46B.) (y up) ie/s (2 µs) ie/s (2 µs) ie/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules. Not for transforming, The caster can work only on smooth surface. For Logic/Puise module (GL7-L/P), & channels, Cable with Alligator clip and IC cli Insulated, 1.5 m long, 1000 V DC, CAT II Insulated, 1.5 m long, 1000 V DC, 111 Insulated, 1.5 m long, 1000 V DC, 111 Insulated, 1.5 m long, 1000 V DC, 111 Insulated, 1.5
pieration isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange isplayed i	mation le sories sions (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to 5 to 10 modules Sto 10 modules Sto 10 modules Sto 10 modules Cessories ogic input fe probe – BNC mana – BNC mana – BNC small size) (*26) midle size) (*26) midle size) (*26) midle size) (*26)	English, French, J. Turns off back-lie Waveform in Y-T LAN cable (CATS Bracket for slamt: Approx. 187 x 34 Approx. 187 x 34 Approx. 1868 [1 Max. 1 M Sample, Max. 500 k Samp Max. 200 k Samp Model number B-559 B-586 RIC-10A RIC-143 RIC-143 RIC-144 RIC-144 RIC-145 RIC-146 B-513 B-530	ierman, Chinese, Korean, Japanese with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m0 (*22) d mount, Connection to 10 m0 (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) ision
peration isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange istandard acces istandard acces i	mation le ssories ssories ssories (W x D x H) 7-SSD (option) spe Attached to 1 or 2 modules a or 4 modules sions (W x D x H) ccessories ogic input fe probe - BNC (C - BNC mana - BNC mana - BNC mana - BNC mana - SNC small size) (*26) "iddle size) (*26) "iddle size) (*27) ce	English, French, N Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GLZ-SSD Solid state disk (Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Model number B-559 B-585 B-586 RIC-10A RIC-142 RIC-142 RIC-144 RIC-144 RIC-144 B-513 B-530 B-551	ierman, Chinese, Korean, Japanese hith by 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m (1/22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) S00 he file size of the recorded data is limited up to 4GB.) is (1 µs) lex/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules. Not for transferring. The caster can work only on smooth surface. For RIC-143/RIC-147, Aperture 20 rum, 1000 V DC, CAT II Insulated, 1.5 m long, 1000 V DC, CAT II Insulated, 1.6 m long, 600 V DC, CAT II For RIC-143/RIC-147, Aperture 20 rum, 1000 V DC, CAT II For RIC-143/RIC-147, Aperture 20 rum, 1000 V DC, CAT II For RIC-143/RIC-147, Aperture 20 rum, 1000 V DC, CAT II For RIC-143/RIC-147, Aperture 20 rum, 1000 V DC, CAT II For RIC-143/RIC-147, Aperture 20 rum, 1000 V DC, CAT II For RIC-143/RIC-147, Aperture 20 rum, 1000 V DC, CAT II For RIC-143/RIC-147, Aperture 20 rum, 1000 V DC, CAT II For R
peration isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange istandard acces istandard acces i	mation le ssories ssories ssories (W x D x H) 7-SSD (option) spe Attached to 1 or 2 modules a or 4 modules sions (W x D x H) ccessories ogic input fe probe - BNC (C - BNC mana - BNC mana - BNC mana - BNC mana - SNC small size) (*26) "iddle size) (*26) "iddle size) (*27) ce	English, French, N Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GLZ-SSD Solid state disk (Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Model number B-559 B-585 B-586 RIC-10A RIC-142 RIC-142 RIC-144 RIC-144 RIC-144 B-513 B-530 B-551	ierman, Chinese, Korean, Japanese with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m0 (*22) d mount, Connection to 10 m0 (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) ision
pieration isplayed lange isplayed lange isp	mation le sories isions (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to 3 or 4 modules sions (W x D x H) cessories ogic input fe probe - BNC (C - BNC mana - BNC mana - BNC mana - BNC able for GL or (*27) ce	English, French, N Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GL7-SSD Solid state disk (Approx. 1286B (I Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Model number B-585 B-586 B-586 RIC-10A RIC-142 RIC-144 RIC-144 B-531 B-531 B-531 B-551 B-560A	erman, Chinese, Korean, Japanese hith by 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class. Straight connection, Up to 10 m) (*22) di mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SDD he file size of the recorded data is limited up to 4GB.) (50) he file size of the recorded data is limited up to 4GB.) (51) (51) (51) (52) (52) (53) (54) (54) (54) (55) (55) (55) (55) (55
pieralization pieral	mation Je sories sories sonies (W x D x H) .7-SSD (option) spec Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to 5 to 10 modules Sto 10 modules Sto 10 modules Sto 10 modules (cessories 	English, French, N Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slank Approx. 187 x 34 Approx. 187 x 34 Approx. 187 x 34 Approx. 188 (1 Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Model number B-559 B-585 B-586 B-586 B-586 B-551 B-550 B-550 B-560A B-560A	ierman, Chinese, Korean, Japanese htb VD, 03, 05 ec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m (1°22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) S5D) he file size of the recorded data is limited up to 46B.) (5 (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 11 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules Not for transferring. The caster can work only on smooth surface. For Logi/Polse module (GL7-L/P), 4 channels, Cable with Alligator clip and IC cli Insulated, 1,2 m long, 300 V DC, CAT II Insulated, 1,2 m long, 1000 V DC, CAT II Insulated, 1,3 m long, 1000 V DC, CAT II Insulated, 1,3 m long, 1000 V DC, CAT II Insulated, 1,5 m long, 1000 V DC, 100
pieration pieration pisolayde Lindy creens saver pisolayde Lindy tandend acces xternal dimener leight pisolayde Lindy xternal dimener pierat pisolayde Lindy xternal dimener pisolayde Lindy xternal dimener xternal holditi xternal holditi	mation le sories isions (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to 3 or 4 modules Attached to 5 to 10 modules Sto 10 modules Sto 10 modules Cessories odjc input fe probe - BNC (C - BNC C - BNC mana - BNC mana - BNC mana - BNC able for GL or (*27) ce midle size) (*26) midle size) (*26) midle size) (*26) midle size) (*26) midle size) (*27) ce midle size) (*26) midle size) (*26) midle size) (*27) te midle size) (*26) midle size) (*26) midle size) (*26) midle size) (*27) te midle size) (*27) te	English, French, N Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GL7-SSD Solid state disk (Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Max. 200 k Samp Max. 200 k Samp Approx. 249 x 136 Approx. 249 x 136 Approx. 770 g Model number B-585 B-586 RIC-10A RIC-142 RIC-144A RIC-142 RIC-144 RIC-144 B-513 B-550 B-550A B-560AP B-560AP	ierman, Chinese, Korean, Japanese hith by 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class. Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 500 he file size of the recorded data is limited up to 4GB.) (510 he file size of the recorded data is limited up to 4GB.) (510 ks (2 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules. Not for transferring. The caster can work only on smooth surface. For Logic/Pulse module (GL7-L/P), 4 channels, Cable with Alligator clip and IC cli Insulated, 1.5 m long, 1000 V DC, CAT II Insulated, 1.5 m long, 1000 V DC, CAT II Insulated, 1.5 m long, 1000 V DC, CAT II Insulated, 1.6 m long, 000 V DC, 00
peration peration peration pisplayed lange pisplayed lange pisplayed lange pisplayed lange pisplayed lange pisplayed lange pisplayed lange pisplayed pispl	mation le sories isions (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to 3 or 4 modules Attached to 5 to 10 modules Sto 10 modules Sto 10 modules Cessories odjc input fe probe - BNC (C - BNC C - BNC mana - BNC mana - BNC mana - BNC able for GL or (*27) ce midle size) (*26) midle size) (*26) midle size) (*26) midle size) (*26) midle size) (*27) ce midle size) (*26) midle size) (*26) midle size) (*27) te midle size) (*26) midle size) (*26) midle size) (*26) midle size) (*27) te midle size) (*27) te	English, French, N Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slank Approx. 187 x 34 Approx. 187 x 34 Approx. 187 x 34 Approx. 188 (1 Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Model number B-559 B-585 B-586 B-586 B-586 B-551 B-550 B-550 B-560A B-560A	ierman, Chinese, Korean, Japanese http VD, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SDD he file size of the recorded data is limited up to 4GB.) (5 (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 11 m long, Synchronizing between GL7000 Can store 6(7000 with up to 3 modules Ndt for transferring. The caster can work only on smooth surface. For Logic/Puse module (G.7-L/P), 4 charnels, Cable with Alligator clip and IC clip Insulated, 1,2 m long, 300 V DC, CAT II Insulated, 1,2 m long, 1000 V DC, CAT II Insulated, 1,3 m long, 1000 V DC, CAT II Insulated, 1,4 m long, 300 V DC, CAT II Insulated, 1,5 m long, 1000 V DC,
peration isplayed lange isplayed lange isplayed lange isplayed lange isplayed lange istandard acces istandard acces i	mation le sories isions (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules Attached to 3 or 4 modules Attached to 3 or 4 modules Attached to 5 to 10 modules Sto 10 modules Sto 10 modules Cessories odjc input fe probe - BNC (C - BNC C - BNC mana - BNC mana - BNC mana - BNC able for GL or (*27) ce midle size) (*26) midle size) (*26) midle size) (*26) midle size) (*26) midle size) (*27) ce midle size) (*26) midle size) (*26) midle size) (*27) te midle size) (*26) midle size) (*26) midle size) (*26) midle size) (*27) te midle size) (*27) te	English, French, N Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GL7-SSD Solid state disk (Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Max. 200 k Samp Max. 200 k Samp Approx. 249 x 136 Approx. 249 x 136 Approx. 770 g Model number B-585 B-586 RIC-10A RIC-142 RIC-144A RIC-142 RIC-144 RIC-144 B-513 B-550 B-550A B-560AP B-560AP	ierman, Chinese, Korean, Japanese hith by 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class. Straight connection, Up to 10 m) (*22) di mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) 500 he file size of the recorded data is limited up to 4GB.) (510 he file size of the recorded data is limited up to 4GB.) (511) (512) (512) (512) (513) (513) (514) (514) (514) (514) (515) (5
peration peration pisplayed lange isplayed lange isplayed linge isplayed linge isplayed linge isplayed linge isplayed linge isplayed linge isplayed linge isplayed isternal dimene isternal disternal	mation le sories sories sories sories (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules a or 4 modules solons (W x D x H) cessories odjc input fe probe - BNC iC - BNC mana - BNC man	English, French, J. Turns off back-lit Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 Approx. 187 x 34 Approx. 1286 B (1 Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Model number B-585 B-586 B-586 RIC-10A RIC-142 RIC-142 RIC-144 B-513 B-550 B-550 B-550 B-550 B-560A B-560A B-560A B-560	ierman, Chinese, Korean, Japanese hith by 10, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SDD he file size of the recorded data is limited up to 4GB.) (50) he file size of the recorded data is limited up to 4GB.) (y up) (k) (2 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 1 m long, Synchronizing between GL7000 Can carry GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules attached. Can store GL7000 with up to 3 modules. Not for transform, The caster can work only on smooth surface. For Logic/Pulse module (GL7-L/P), 4 channels, Cable with Alligator clip and IC clip Insulated, 15 m long, 1000 V DC, CAT II Insulated, 15 m long, 1000 V DC, CAT II Insulated, 15 m long, 1000 V DC, CAT II Insulated, 14 m long, 1000 V DC, CAT II Insulated, 14 m long, 1000 V DC, CAT II Insulated, 14 m long, 1000 V DC, CAT II For RIC-143/RIC-147, Aperture 5 mm, 1000 V DC, CAT II, Max, 15 A For RIC-143/RIC-147, Aperture 5 mm, 1000 V DC, CAT II, Max, 22 A For RIC-143/RIC-147, Aperture 5 mm, 1000 V DC, CAT II, Max, 15 A For RIC-143/RIC-147, Aperture 5 Imm, 1000 V DC, CAT II, Max, 15 A For RIC-143/RIC-147, Aperture 5 Imm, 1000 V DC, CAT II, Max, 15 A For RIC-143/RIC-147, Aperture 5 Imm, 1000 V DC, CAT II, Max, 15 A For RIC-143/RIC-147, Aperture 5 Imm, 1000 V DC, CAT II For DC Strain module (GL7-DCB), Screw terminal holding bracket B-560A For replacement use for B-560/R-560A For replacement use for B-560/R-560A For replacement use for S-500 (Rectangular connector) for GL7-DCB module * Terminal holding bracket B-560A For Creal-Soure 10 on molog For D-Strain module (GL7-DCB), MSI (reutangular connector) for GL7-DCB module
pieration pieration pisolayde Lindy creens saver pisolayde Lindy tandend acces xternal dimener leight pisolayde Lindy xternal dimener pierat pisolayde Lindy xternal dimener pisolayde Lindy xternal dimener xternal holditi xternal holditi	mation le sories sories sories sories (W x D x H) .7-SSD (option) spe Attached to 1 or 2 modules a or 4 modules solons (W x D x H) cessories odjc input fe probe - BNC iC - BNC mana - BNC man	English, French, N Turns off back-lir Waveform in Y-T LAN cable (CATS Bracket for slantt Approx. 187 x 34 Approx. 187 x 34 GL7-SSD Solid state disk (Max. 1 M Sample, Max. 200 k Samp Max. 200 k Samp Max. 200 k Samp Max. 200 k Samp Approx. 249 x 136 Approx. 249 x 136 Approx. 770 g Model number B-585 B-586 RIC-10A RIC-142 RIC-144A RIC-142 RIC-144 RIC-144 B-513 B-550 B-550A B-560AP B-560AP	ierman, Chinese, Korean, Japanese http VD, 30 sec. 1, 2, 5, 10, 30, 60 min. with digital values, Waveform only, Digital value, Waveform in XY class, Straight connection, Up to 10 m) (*22) d mount, Connection cable (40 cm), Ground cable, Screws 5 x 119 mm (Excluding projection) SDD he file size of the recorded data is limited up to 4GB.) (5 (1 µs) le/s (2 µs) le/s (5 µs) x 180 mm (Excluding projection) Remarks 11 m long, Synchronizing between GL7000 Can store 6(7000 with up to 3 modules Ndt for transferring. The caster can work only on smooth surface. For Logic/Puse module (G.7-L/P), 4 charnels, Cable with Alligator clip and IC clip Insulated, 1,2 m long, 300 V DC, CAT II Insulated, 1,2 m long, 1000 V DC, CAT II Insulated, 1,3 m long, 1000 V DC, CAT II Insulated, 1,4 m long, 300 V DC, CAT II Insulated, 1,5 m long, 1000 V DC,

(*24) The sampling speed in the GL7000 is limited to the faster sampling speed of attached input module. When the selected sampling speed in the GL7000 is faster than the module, the sampling states in fasters sampling on the module.
 (*25) When the sampling speed in the GL7000 is selected to the 1 M/s (*1 (µs) or 500 kS/s (2 µs), the number of available channels in the Logic/Pulse module will be limited.
 (*26) Mean black (per 1 uni). Connectable with RIC-143, RIC-147.
 (*27) Measurable temperature range: -25 - 80°C

The data loss caused by the equipment / PC failure is not guaranteed. Please make sure to back up your data.
 Brand names and product names listed in this brochure are the trademarks or
 registered trademarks of their respective owners.
 Items mentioned are subject to change without notice. For more information about
 product, please check the web site or contact your local representative.

For using equipment in correctly and safely

- Before using it, please read the user manual and then please use it properly in accordance with the description.
 To avoid an occurrence of malfunction or an electric shock by leakage, please ensure ground connection and use it in specified power source.



503-10 Shinano-cho, Totsuka-ku, Yokohama 244-8503, Japan Tel :+81-45-825-6250 Fax :+81-45-825-6396 Email : webinfo@graphtec.co.jp

GL7000_KE10472_1D

(F