### GRAPHTEC

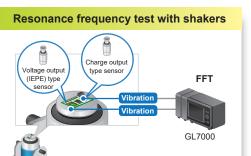
# DATA PLATFORM GL7000

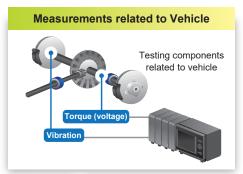
### Vibration measurement 8ch model

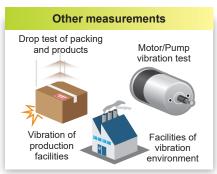
# Easy Vibration measurement by connecting an acceleration sensor directly

- Supports Charge or Voltage output (IEPE) type sensor
  - Supports TEDS
    - Wide variety of filter functions allows high-precision measrements
      - Supports FFT function





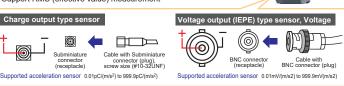




#### Easy connect the sensor

Support a direct connection with the piezoelectric type sensor, and allows a wide variety measurements.

- Support charge and voltage output type sensors
- Support voltage measurement
- Support RMS (effective value) measurement



#### Measure momentary and long-time phenomenon

Support multiple types of strage device realize to cature data in an endurance test of long time and even also an impact test of short time.

Supported strage device

- Built-in RAM
- Built-in Flash
- SD memory card
- SSD (Option)

Strage	(Upper: 4ch used, lower: 8ch used)			
Guage	100kS/s(10µs)	1kS/s(1ms)	1S/s(1s)	
RAM	20 seconds 2 seconds	Approx 33 min Approx 33 min	Approx 23 days Approx 23 days	
Built-in Flash memory *	Not Available	Approx 39 hs Approx 23 hs	Approx 1659 days Approx 968 days	
SD card *	Not Available		Approx 2485 days Approx 1035 days	

<sup>\*</sup> Calculated with 2GB, GBD data format

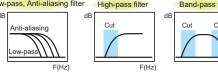
#### **Various filters**

High-precision signal is able to be captured by the high-pass, low-pass, and the anti-aliasing filter.

Low-pass, Anti-aliasing filter

High-pass filter

Band-pass



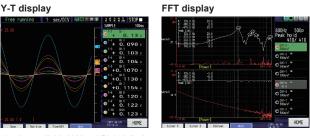
#### Vibration measurement by FFT function

Not only direct FFT analysis, it is also possible to FFT analysis the recorded data Analysis CH: 4ch

Analysis function: Y-T, Linear, Power, PSD, Cross, TRF, Coherence, COP

#### Various type of display

Utilises a clear 5.7-inch TFT color monitor. Makes it easy to read data in waveform or digital form by multiple type of display method.



It is also available X-Y and Digital displays.

Item	ifications	Description
Number of m	odule	Attached to up to 10 modules *1
Number of in		Max. 112 channels in 1 of GL7000
External	Input	Start/Stop, External trigger, External sampling, Auto balance
Input/Output		Signal type: Contact (relay), Open collector, Voltage
signals *2	Output	Trigger, Busy, Alarm (10 channels) *3
9	Cutput	Signal type: Open collector (pulled-up by resistor 10 kΩ)
Trigger	Trigger action	Start or stop capturing data by the trigger
Trigger, Alarm function	Trigger repeat	Enabled (ON): Automatically re-armed for the next data capture function
	mggor ropout	Disabled (OFF): Data capture is completed in a single trigger
	Trigger source	Start: Off, Measured signal, Alarm, External signal, Clock, Week or Time
	rrigger source	Stop: Off, Measured signal, Alarm, External signal, Clock, Week or Time
	Trigger	Combination: OR or AND condition at the level of signal or edge of signal
	determination	Analog: Higher/Rising, Lower/Falling, Window-in, Window-out
	conditions for	Logic *4: Higher/Rising, Lower/Falling
	measured signal	Pulse *4: Higher/Rising, Lower/Falling, Window-in, Window-out
	Alarm	Combination: OR or AND condition at the level of signal or edge of signal
	determination condition *5	Analog: Higher/Rising, Lower/Falling, Window-in, Window-out Logic *4: Higher/Rising, Lower/Falling
	Condition	Pulse *4: Higher/Rising, Lower/Falling, Window-in, Window-out
	Alarm output	10 channels
	Pre-trigger *6	Number of data before trigger: Up to specified number of captured data
Calculation	Between	Addition, Subtraction, Multiplication and Division for two analog inputs (Sampling
unction	channels	speed is limited up to 10 Samples/s (100ms interval). Available arithmetic element
		and the output destination is the analog input channel 1 to 100.)
	Statistical	Select two calculations from Average, Peak, Max., Min. in real time and replay *7
Move function		Beginning, center or end of the data, Trigger point, Specific time (absolute, relative),
he display ra		Call cursor
Search functi		Search for analog signal levels, logic signal pattern, pulse signal levels or alarm poir
_ Janon runcu		in captured data
Annotation fu	nction	
		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
viessage / Ma	arker Functions	
		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 *8
FT analysis	Analyzing	0.08, 0.2, 0.4, 0.8, 1.6, 2, 3.2, 4, 8, 20, 40, 80, 200, 400, 800 Hz,
unction	frequency range	2, 4, 8, 20, 40, 80, 200, 400 kHz
Firmware	Number of points	500, 1000, 2000, 4000, 10000
er. 1.20 or	Window function	Rectangular, Hanning, Hamming, Blackman, Flat-top, Exponential
ater)	Averaging	Summation average, Exponential averageg, Peak hold
	Channels	4 channels
	Functions	Y-T, Linear, Power, PSD, Cross, Transfer function, Coherence, COP
	Display mode	
		Single display, Dual display, Nyquist
Interface to P		Ethernet (10 BASE-T/100 BASE-TX), USB 2.0 (High speed)
Network func		WEB server, FTP server, FTP client, NTP client, DHCP client
USB drive mo		Emulate the USB memory device *9
Storage	Built-in	RAM (2 million samples for each channels, built-in amplifier module),
device		Flash memory (2 GB, built-in the main module)
	External *10	SD card (Support SDHC, up to 32 GB) slot, SSD (Approx. 64 GB)
		The file for capturing data is limited up to 2 GB.
Data saving	Captured data*10	Built-in RAM, Built-in Flash, SD memory card, SSD (Data is saved directly to it.)
function	Data in built-in RAM	Specified number of data up 2 million samples in increments of 1
	Auto save *10	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: Off, Normal, Ring, Realy
	mode *10	Ring* <sup>11</sup> : 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*12: Saved data to multiple file without losing data until capturing data is stoppe
		(Distination of data: Built-in Flash, SD memory card, SSD)
	D 1 1	Displaying information in two windows, Hot-swapping the SD memory card,
	During data	
	capture *13	Saving data in between cursors.
		Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.
	capture *13	Saving data in between cursors.
Engineering S	capture *13	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.
Engineering S	capture *13 Backup *10	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: 5D memory card, SSD, FTP server  Measured value can be converted to the engineering unit  Analog voltage: Converts by four reference points (gain, offset)
Engineering \$	capture *13 Backup *10	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: SD memory card, SSD, FTP server  Measured value can be converted to the engineering unit
Engineering \$	capture *13 Backup *10	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: 5D memory card, SSD, FTP server  Measured value can be converted to the engineering unit  Analog voltage: Converts by four reference points (gain, offset)
	capture *13 Backup *10 Scale function	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: SD memory card, SSD, FTP server  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)
Synchronizati	capture *13 Backup *10 Scale function ion between units	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: SD memory card, SSD, FTP server  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 *14
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Synchronizati  Operating en  Power source  External dime	capture *13 Backup *10 Scale function ion between units vironment	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: SD memory card, SSD, FTP server  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 *14  0 to 45 *C, 5 to 85 % RH (non condensed)  100 to 240 V AC, 50 to 60Hz, 85 VA  Main module: Approx. 193 x 141 x 160 mm (Excluding Projection),
Synchronizati Dperating en Power source External dime W x D x H)	capture *13 Backup *10 Scale function ion between units vironment	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: SD memory card, SSD, FTP server  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 *14  0 to 45 °C, 5 to 85 % RH (non condensed)  100 to 240 V AC, 50 to 60Hz, 85 VA  Main module: Approx. 193 x 141 x 160 mm (Excluding Projection),  Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection)
Synchronizati Degrating en Power source External dime W x D x H) Weight	capture *13 Backup *10 Scale function ion between units vironment e, consumption	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: SD memory card, SSD, FTP server  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 *14  0 to 45 *C, 5 to 85 % RH (non condensed)  100 to 240 V AC, 50 to 60Hz, 85 VA  Main module: Approx. 193 x 141 x 160 mm (Excluding Projection),
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Synchronizati Operating en Power source External dime (W x D x H) Weight Display modu	capture *13 Backup *10 Scale function  sion between units vironment e, consumption ensions	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: SD memory card, SSD, FTP server  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 *14  0 to 45 °C, 5 to 85 % RH (non condensed)  100 to 240 V AC, 50 to 60Hz, 85 VA  Main module: Approx. 193 x 141 x 160 mm (Excluding Projection),  Alarm output terminal: Approx. 30 x 136 x 145 mm (Excluding projection)
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Synchronizati Derating en Power source External dime W x D x H) Weight Display modu Model numbe Display devic Depration see Fouch panel	capture *13 Backup *10 Scale function  Scale function  ion between units vironment e, consumption ensions	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: SD memory card, SSD, FTP server  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, offset)  Pulse count: Converts by two reference points (gain)  Start and Trigger *14  0 to 45 *C, 5 to 85 % RH (non condensed)  100 to 240 V AC, 50 to 60Hz, 85 VA  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  GL7-DISP  5.7-inch TFT color LCD monitor (VGA: 640 x 480 dots)  Touch panel and Cursor keys* 15  Capacitive type touch panel, Operated by finger or the proprietary pen
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Synchronizati Dperating em Power source External dime W x D x H) Weight Display devic Operation ser Fouch panel Displayed lan Green saver Displayed for Displayed for Displayed for Displayed for Displayed for Displayed for	capture *13 Backup *10 Scale function  Scale function  ion between units vironment e, consumption ensions  le specification er e e ction  guage	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: SD memory card, SSD, FTP server  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, offset) Pulse count: Converts by two reference points (gain)  Start and Trigger *14  10 to 45 °C, 5 to 85 % RH (non condensed) 100 to 240 V AC, 50 to 60Hz, 85 VA 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  GL7-DISP  5.7-inch TFT color LCD monitor (VGA: 640 x 480 dots)  Touch panel and Cursor keys* <sup>15</sup> Capacitive type touch panel, Operated by finger or the proprietary pen English, French, German, Chinese, Korean, Japanese  Turns off backlight by 10, 30 sec., 1, 2, 5, 10, 30, 60 min.  Waveform in Y-T with digital values, Waveform only, Digital value, Waveform in X-Y  LAN cable (CAT5 class, Straight connection, Up to 10m) *16
Synchronizati Dperating em <sup>2</sup> Fower source External dime W x D x H) Weight Model numbe Display devic Doperation ser Fouch panel Displayed lan Screen saver Displayed info	capture *13 Backup *10 Scale function  Scale function  ion between units vironment e, consumption ensions  le specification er e e ction  guage	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: SD memory card, SSD, FTP server  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, offset)  Pulse count: Converts by two reference points (gain)  Start and Trigger *14  10 to 45 °C, 5 to 85 % RH (non condensed)  100 to 240 V AC, 50 to 60Hz, 85 VA  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  GL7-DISP  5.7-inch TFT color LCD monitor (VGA: 640 x 480 dots)  Touch panel and Cursor keys*15  Capacitive type touch panel, Operated by finger or the proprietary pen  English, French, German, Chinese, Korean, Japanese  Turns off backlight by 10, 30 sec., 1, 2, 5, 10, 30, 60 min.  Waveform in Y-T with digital values, Waveform only, Digital value, Waveform in X-Y  LAN cable (CAT5 class, Straight connection, Up to 10m)** <sup>16</sup> Bracket for slanted mount, Connection cable (40cm), Ground cable, Screws
Synchronizati Operating em Power source: Xeternal dime W x D x H) Weight Display modu Model numbe Display devic Operation see Touch panel Displayed infa Goreen saver Connection c Standard acco	capture *13 Backup *10 Scale function  Scale function  ion between units vironment e, consumption ensions  le specification er e e ction  guage	Saving data in between cursors.  Backup interval: Off, 1, 2, 6, 12, 24 hrs.  Data destination: SD memory card, SSD, FTP server  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, offset) Pulse count: Converts by two reference points (gain)  Start and Trigger *14  10 to 45 °C, 5 to 85 % RH (non condensed) 100 to 240 V AC, 50 to 60Hz, 85 VA 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  GL7-DISP  5.7-inch TFT color LCD monitor (VGA: 640 x 480 dots)  Touch panel and Cursor keys* <sup>15</sup> Capacitive type touch panel, Operated by finger or the proprietary pen English, French, German, Chinese, Korean, Japanese  Turns off backlight by 10, 30 sec., 1, 2, 5, 10, 30, 60 min.  Waveform in Y-T with digital values, Waveform only, Digital value, Waveform in X-Y  LAN cable (CAT5 class, Straight connection, Up to 10m) *16

	per	GL7-CHA		
Number of i	nput channels	4 channels		
Input method		All channels isolated unbalanced input, Simultaneous sampling, BNC and Miniature connector (#10-32UNF)		
Sampling sp	peed (interval)	100 k Samples/s to 1 sample/h (10µs to 1hr.)		
Built in RAM	И	2 million samples for each channels		
Input type		Sensor in charge output type, Sensor in IEPE type, Voltage		
Input coupling		Sensor: Charge, IEPE, Charge-RMS, IEPE-RMS Voltage: DC, AC, DC-RMS, AC-RMS		
Measur-	Acceleration sensor	1, 2, 5, 10, 20, 50, 100, 200, 500, 1000, 2000, 5000, 10000, 20000, 50000 m/s		
ement range	Voltage input	DC, AC coupling: 50, 100, 200, 500 mV, 1, 2, 5, 10V RMS measurement: 20, 50, 100, 200, 500 mVrms, 1, 2, 5 Vrms (Crest Factor in RMS mode: up to 4 in 20mVrms to 2 Vrms range, up to 2 in 5 Vrms range		
Supported		0.01 pC/(m/s <sup>2</sup> ) to 999.9 pC/(m/s <sup>2</sup> )		
sensitivity	IEPE type	0.01 mV/(m/s <sup>2</sup> ) to 999.9 mV/(m/s <sup>2</sup> )		
Measuring	Charge output type	± 0.9 % of Full Scale ([sensor sensitivity] × [setting range] ≥ 20 pC)		
accuracy*17 IEPE type		± 0.25 % of Full Scale ([sensor sensitivity] × [setting range] ≥ 200mV)		
A/D convert		Successive approximation type, 16 bits (effective resolution: 1/40000 of the measuring full rang		
Input imped	ance	100 kΩ ±5%		
Excitation p		4 or 8 mA (supported voltage is up to 22 V.)		
	put charge signal	Max. 50000 pC		
Maximum	Between (+)/(-)terminal	25 Vp-p		
input voltage	Between channels ((-) terminals)	25 Vp-p		
	Between channel/GND	25 Vp-p		
Max. voltage		300 Vp-p (1 minute)		
(withstand)	Between channel/GND	300 Vp-p (1 minute)		
Isolation	Between channel/GND	Min. 50 MΩ (at 500 V DC)		
Frequency	Charge type	1.5 Hz to 45 kHz		
response	IEPE type	1 Hz to 45 kHz		
Filter	Hi pass	Off, 0.15, 1, 10 Hz		
	Low pass	Off, Line(1.5Hz), 3, 6, 10, 30, 50, 60, 100, 300, 500 Hz, 1k, 3k, 5k, 10k Hz (in -30dB/oct		
	Anti-aliasing	Off, On		
Support	Standard	IEEE 1451.4 Class1 (Temperate No.25)		
TEDS	Support	Reading information from the sensor and setting it to module		
Calculation function		Integration (convert measurement to velocity), Double Integration (convert measurement to displacement)		
	ensions (W x D x H)	Approx. 49 x 136 x 160mm (Excluding projections)		
Weight		Approx. 850g		
Software sp	ecifications			
Model name	9	GL-Connection		
Supported C	OS	Windows 8, Windows 7 (32/64-bits, Except Starter edition), Vista (32/64-bits)		
		Control GL7000, Real-time data capture, Replay data, Data format conversion		
Functions				
	ınit	Up to 10 units (Max. 1120 channels)		
	ttings control	Input settings, Memory settings, Trigger and Alarm settings, Other settings		
Controlled u	ttings control	Input settings, Memory settings, Trigger and Alarm settings, Other settings Built-In RAM (Binary format), Built-In Flash memory (Binary, CSV format), SD memory card (Binary, CSV format), SSD (Binary, CSV format) The sampling speed is limited by the number of channels used when data is saved in the		
Controlled u GL7000 Set Captued da	ttings control ta * <sup>18</sup>	Input settings, Memory settings, Trigger and Alarm settings, Other settings Built-in RAM (Binary format), Built-in Flash memory (Binary, CSV format), SD memory card (Binary, CSV format), SSD (Binary, CSV format) The sampling speed is limited by the number of channels used when data is saved in the CSV format. (1 ms per channel. When 10 channels are set, sampling is limited to 10 ms		
Controlled u GL7000 Set Captued dat Displayed in	ttings control ta * <sup>18</sup> nformation	Input settings, Memory settings, Trigger and Alarm settings, Other settings Built-in RAM (Binary format), Built-in Flash memory (Binary, CSV format), SD memory card (Binary, CSV format), SSD (Binary, CSV format) The sampling speed is limited by the number of channels used when data is saved in the CSV format. (1 ms per channel. When 10 channels are set, sampling is limited to 10 ms Analog waveforms, Logic waveforms, Pulse waveforms, Digital values		
Controlled u GL7000 Set Captued dai Displayed in Display mod	ttings control ta * <sup>18</sup> nformation	Input settings, Memory settings, Trigger and Alarm settings, Other settings Built-in RAM (Binary format), Built-in Flash memory (Binary, CSV format), SD memory card (Binary, CSV format), SSD (Binary, CSV format) The sampling speed is limited by the number of channels used when data is saved in the CSV format. (1 ms per channel. When 10 channels are set, sampling is limited to 10 ms Analog waveforms, Logic waveforms, Pulse waveforms, Digital values Y-T waveform with digital values, X-Y graph in real time, Cursor information, Capture condition, Alarm information		
Controlled u GL7000 Set Captued dai Displayed in Display mod	ttings control ta * <sup>18</sup> nformation	Input settings, Memory settings, Trigger and Alarm settings, Other settings Built-in RAM (Binary format), Built-in Flash memory (Binary, CSV format), SD memory card (Binary, CSV format), SD (Binary, CSV format) The sampling speed is limited by the number of channels used when data is saved in the CSV format. (1 ms per channel. When 10 channels are set, sampling is limited to 10 ms Analog waveforms, Logic waveforms, Pulse waveforms, Digital values Y-T waveform with digital values, X-Y graph in real time, Cursor information, Capture condition, Alarm information Converts binary data to the CSV data (specific period, all data in one file, multiple files Creates a new file with compression or by consolidating multiple files		
Controlled u GL7000 Set Captued dai  Displayed ir Display mod	ttings control ta *18  nformation de	Input settings, Memory settings, Trigger and Alarm settings, Other settings Built-in RAM (Binary format), Built-in Flash memory (Binary, CSV format), SD memory card (Binary, CSV format), SSD (Binary, CSV format) The sampling speed is limited by the number of channels used when data is saved in th CSV format. (1 ms per channel. When 10 channels are set, sampling is limited to 10 ms Analog waveforms, Logic waveforms, Pulse waveforms, Digital values Y-aveform with digital values, X-Y graph in real time, Cursor information, Capture condition, Alarm information Converts binary data to the CSV data (specific period, all data in one file, multiple files		
Controlled u GL7000 Set Captued dai Displayed in Display mod File operation	titings control ta *18  Information de on nction	Input settings, Memory settings, Trigger and Alarm settings, Other settings Built-in RAM (Binary format), Built-in Flash memory (Binary, CSV format), SD memory card (Binary, CSV format), SD (Binary, CSV format) The sampling speed is limited by the number of channels used when data is saved in th CSV format. (1 ms per channel. When 10 channels are set, sampling is limited to 10 ms Analog waveforms, Logic waveforms, Pulse waveforms, Digital values Y-T waveform with digital values, X-Y graph in real time, Cursor information, Capture condition, Alarm information Converts binary data to the CSV data (specific period, all data in one file, multiple files Creates a new file with compression or by consolidating multiple files		
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Controlled u GL7000 Set Captued dal Displayed ir Display moc File operatic Warning Ful Statistical ca	titings control ta *18  Information de bon nction alculation	Input settings, Memory settings, Trigger and Alarm settings, Other settings Built-in RAM (Binary format), Built-in Flash memory (Binary, CSV format), SD memory card (Binary, CSV format), SSD (Binary, CSV format) The sampling speed is limited by the number of channels used when data is saved in the CSV format. (1 ms per channel. When 10 channels are set, sampling is limited to 10 ms Analog waveforms, Logic waveforms, Pulse waveforms, Digital values Y-T waveform with digital values, X-Y graph in real time, Cursor information, Capture condition, Alarm information Converts binary data to the CSV data (specific period, all data in one file, multiple files Creates a new file with compression or by consolidating multiple files. Send e-mail to the specified address when the alarms occur Capturing data: Maximum, Minimum, Peak or Average		
Controlled u GL7000 Set Captued dar  Displayed ir Display mod  File operation  Warning Ful Statistical ca	titings control ta *18  Information de on notion alculation	Input settings, Memory settings, Trigger and Alarm settings, Other settings Built-in RAM (Binary format), Built-in Flash memory (Binary, CSV format), SD memory card (Binary, CSV format), SD (Binary, CSV format) The sampling speed is limited by the number of channels used when data is saved in th CSV format. (1 ms per channel. When 10 channels are set, sampling is limited to 10 ms Analog waveforms, Logic waveforms, Pulse waveforms, Digital values Y-T waveform with digital values, X-Y graph in real time, Cursor information, Capture condition, Alarm information Converts binary data to the CSV data (specific period, all data in one file, multiple files Creates a new file with compression or by consolidating multiple files. Send e-mail to the specified address when the alarms occur Capturing data: Maximum, Minimum, Peak or Average Replaying data: Maximum, Minimum, Peak, Average or RMS in between cursors Specific level in any channels Occurred alarm in any channel Beginning, center, end of the data, Trigger point, Specific time (absolute, relative),		
Controlled u GL7000 Set Captued dal Displayed ir Display moc File operatic Warning Ful Statistical ca	information de on nction alculation Level Alarm Time	Input settings, Memory settings, Trigger and Alarm settings, Other settings Built-in RAM (Binary format), Built-in Flash memory (Binary, CSV format), SD memory card (Binary, CSV format), SSD (Binary, CSV format) The sampling speed is limited by the number of channels used when data is saved in the CSV format. (1 ms per channel. When 10 channels are set, sampling is limited to 10 ms Analog waveforms, Logic waveforms, Pulse waveforms, Digital values Y-T waveform with digital values, X-Y graph in real time, Cursor information, Capture condition, Alarm information Converts binary data to the CSV data (specific period, all data in one file, multiple files Creates a new file with compression or by consolidating multiple files. Send e-mail to the specified address when the alarms occur Capturing data: Maximum, Minimum, Peak or Average Replaying data: Maximum, Minimum, Peak, Average or RMS in between cursors Specific level in any channels Occurred alarm in any channel		

- \*2. The Input/Output cable (B-513) is required for connecting the signal. The Auto balance signal input and the DC Strain module (GL7-20E) in the above the Automatical Strain and the BC Strain makes are outputed on the terminal block attached to the main module as standard accessory.
  \*4. The alarm signals are outputed in the strain and the Automatical Strain and Automatical S

- Not Term, module:

  Not Term, module:

  Not Term, module:

  Not Term, module:

  The alarm is detected in the sampling interval is borter than 5 seconds and reported. The alarm is detected in the sampling interval when the sampling interval is shorter than 5 seconds and reported. The alarm is detected in the sampling interval when the sampling interval is shorter than 1 ms. The alarm is detected in the sampling interval when the sampling interval is shorter than 1 ms. The alarm is detected in the sampling interval when the sampling interval when the sampling interval when the sampling interval is shorter than 1 ms. The alarm is detected every 1 ms when the sampling interval is shorter than 1 ms. The alarm is detected every 5 seconds when the sampling interval is shorter than 1 ms. The alarm is detected every 5 seconds when the sampling interval is shorter than 1 ms. The alarm is detected every 5 seconds when the sampling interval is shorter than 1 ms. The alarm is detected every minute while the 1 ms. The

GL7000 Model for Vibration measurement, 8 channel				
Item	Model number	Quantity		
Main module	GL7000	1		
Input module	GL7-CHA	2		
Display module	GL7-DISP	1		

- We cannot guarantee any problems of data generated by the malfunction of equipment or PC. Please make a backup of data to avoid it.
   Brand names and product names listed in this brochure are the trademarks or registered trademarks of their respective owners.
   Specifications 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 . The 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.



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