

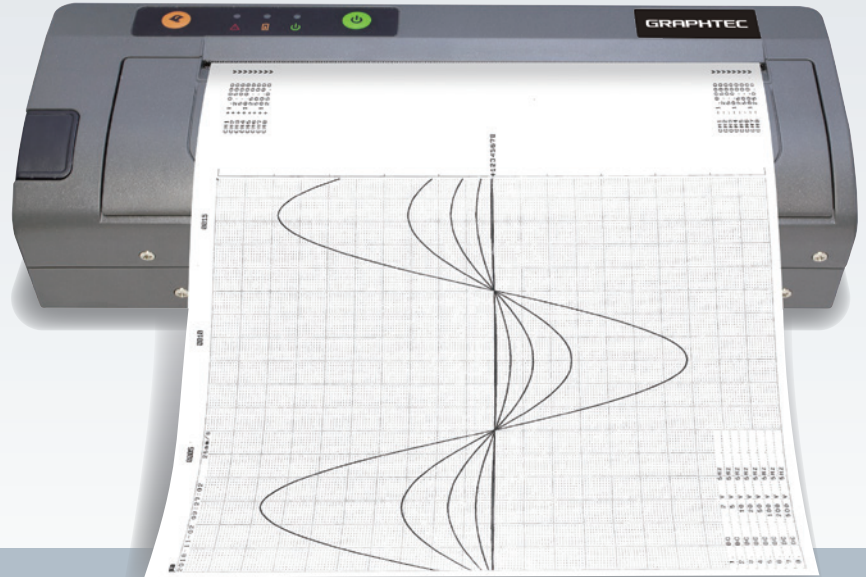
GRAPHTEC

Print Out Data Instantly!

NEW



USB, LAN cable or WLAN



Thermal printer DP-581H

Supports Models

GL980, GL2000, GL840-WV,
GL840-M, and GL240

Features:

Highly Portable with Built-in Battery

Battery operated printer can be used as standalone with the GL series midiLOGGERS.

Tamperproof

Prevent data tampering by printing your record on paper - use as certified records.

Instant Availability

On-the-spot printing allows you to quickly hand over records.

Wireless LAN connection

Print wirelessly with the GL240 and GL840 using optional wireless module.
*GL980/GL2000 connect via USB or LAN cable.



General Machinery/
Industrial

Heavy Equipment Installation Check

Check signal data from test operation and hand over the record to customer immediately at the site of the installation.

Tasks Maintenance



Steel Industry

Print Out Crack Detection Test Result On-Site

Keep records of crack detection test on site.

Tasks Manufacturing and Production Control



Construction Equipment Industry

Measuring oil pressure and tension load of construction equipment

Record and print the actual vehicle data for specified function testing.

Tasks Maintenance and Inspection



Maintenance Business

Plant Test Sites and Transformer Testing

Print and save the results from transient voltage, leaks, electric current (clamp) test results.

Tasks Inspection and Power Analysis



In-Vehicle Testing

For collecting test data of railroad vehicles

Simultaneously record and output various measurement data during in-vehicle testing with paper printout.

Tasks Research and Development



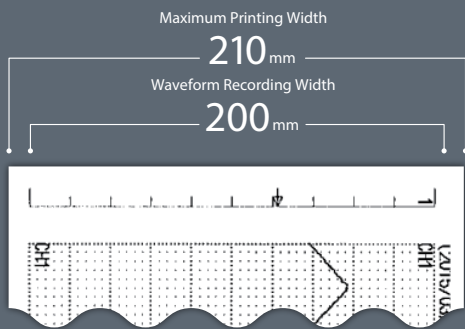
Research

To output XY data in prints

Print out the recording data in XY diagram from the GL series on paper.

Tasks Research and Development

www.graphteccorp.com



Direct Printouts with Features including:

- Real-time Printouts**
Print data in waveform (Y-T timestamp chart)
Synchronous or asynchronous with the trigger
- Real-time Printout with Digital Values**
Print data in digital values
Synchronous or asynchronous with the trigger
(For GL240 and GL840 Series only)
- X-Y Format Printing**
Print data displayed in X-Y diagram on the GL
(For GL980 and GL2000 only)
- Print Recorded Data Post Process**
Print all saved data or selected data within cursors in waveform
- Print Selected Digital Data Values**
Print data in digital values of selected data using cursor up to 1000 samples
- Stacked Bar Chart Printing**
Print accumulated data displayed on the GL unit
(For GL240 and GL840 Series with GS sensor only)

Main unit specifications							
Item	Description						
Model name	DP-581H						
Printing method	Thermal printing system using thermal paper						
Print resolution	8 dots/mm in width and feed direction						
Paper feed accuracy	±2% ±0.5mm						
Print width	210 mm						
Recording paper roll length	30 m						
Print head lifetime	Approx. 30 km (in print density 12.5 %)						
Operation panel	<table border="1"> <tr> <td>Key</td> <td>Power, Paper feed</td> </tr> <tr> <td>Display</td> <td>Status LED (Power, Battery, Alert) Status is indicated by combinations of three LEDs turning on/blinking/turning off.</td> </tr> </table>	Key	Power, Paper feed	Display	Status LED (Power, Battery, Alert) Status is indicated by combinations of three LEDs turning on/blinking/turning off.		
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Supported models	GL2000, GL980, GL840, GL240 * GL2000, GL980: Connect with USB or LAN cable (*1) * GL840: Connect with LAN cable (*1) or WLAN (*2) * GL240: Connect with WLAN (*2)						
Operating environment	5 to 35 °C, 30 to 80 %RH (No condensation)						
Power source (*3)	<table border="1"> <tr> <td>AC Adapter</td> <td>100 to 240 V AC, 50/60 Hz</td> </tr> <tr> <td>Battery pack</td> <td>Rechargeable lithium-ion battery (6-cell, 11.1 V, 6000 mAh, 66.6 Wh)</td> </tr> </table>	AC Adapter	100 to 240 V AC, 50/60 Hz	Battery pack	Rechargeable lithium-ion battery (6-cell, 11.1 V, 6000 mAh, 66.6 Wh)		
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External dimensions	Approx. 312 [W] x 109 [D] x 66 [H] mm (excluding protrusions)						
Weight	Approx. 2.0 kg (including battery pack and excluding AC adapter)						
Corresponding standards	CE mark, RoHS						

Printer function																																																	
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Connectable data logger				
Model	GL240	GL840-M/WV	GL980	GL2000
USB	—	—	Yes	Yes
LAN cable (*1)	—	Yes (*4)	Yes (*4)	Yes (*4)
WLAN (B-568 required)	Yes (*4)	Yes (*4)	—	—

Standard accessories					
* Battery pack	1 pc	* AC adapter (100-240 V)	1 pc	* AC power cable	1 pc
* USB cable (length 1.5m)	1 pc	* Recording paper	1 roll	* Guide for Quick Start	1 pc
* Guide for Startup	1 pc	* CD-ROM	1 pc		

Supplies and Accessories			
Item	Model name	Description	Package
Recording paper	PR-210x30	Thermal paper, 210 mm (W) x 30 m (L)	6 rolls/box
Battery pack	BAT-581H	Rechargeable lithium-ion battery (11.1 V, 6000 mAh)	1 pc/box

- *1 : WLAN access point is required.
GL unit is connected to access point by LAN cable and printer is connected to access point wirelessly.
- *2 : When wireless LAN on GL unit is set to access point mode, connect either printer or the GL100-WL.
Both cannot be connected at the same time.
- *3 : When AC adapter and battery are connected to printer, it is automatically selected and AC adapter has priority. It is not switched while data is being printed.
When it is used with slow feed speed or with long standby time, the driving time (printable length) becomes short.
- *4 : WLAN access point is required when using LAN cable connection, and it may not be satisfied full functions of printer depending on condition of the radio wave communication.
- * Available regions for this product are limited in order to comply with local wireless communications laws.
- * This printer unit is made by the DASCOS and configured for Graphtec GL series.

- *5 : Available when using GL240 or GL840.
- *6 : Available when using GL240 or GL840 with GS sensor and displaying data with bar graph.
- *7 : When the GL240 or GL840 is connected, maximum feed speed is 10 mm/s even if printer is driven by AC adapter.
When printer is driven with the battery pack, max feed speed is 5 mm/s for all GL series connection.
- *8 : Characters that can be printed are limited
to alphabets (A-Z, a-z), numbers (0-9) and symbols that can be set on the GL unit.
Double-byte characters such as Chinese, Japanese are not supported.
When double-byte code is entered, it is printed by square mark.
- *9 : When using GL840, up to 10 channels can be printed at the same time.
- *10 : Select to print the timing mark or the distance mark.

- Due to the possibility of equipment or PC failure, the data files on the instrument are not guaranteed to hold memory.
- Please make a backup of data whenever possible to avoid data loss.
- 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.

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