



Unit Design

Interface



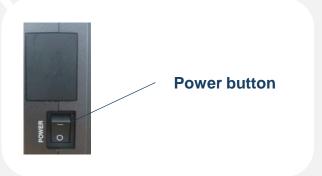






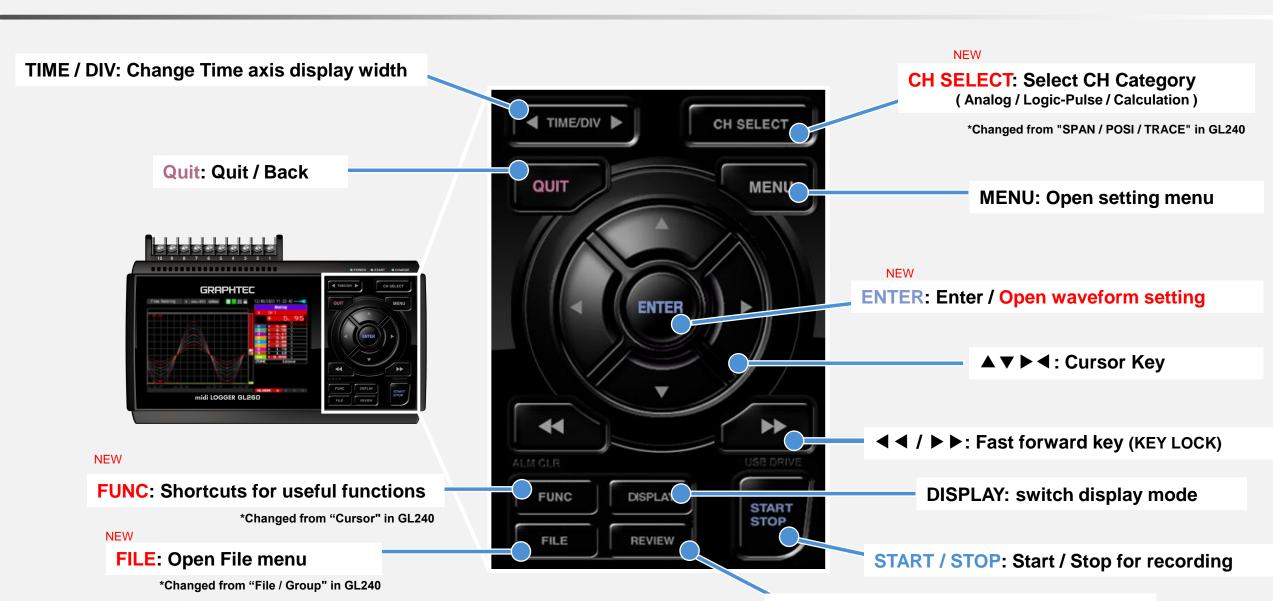


4.3-inch TFT color LCD



Control panel key





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REVIEW: Playback of recorded files



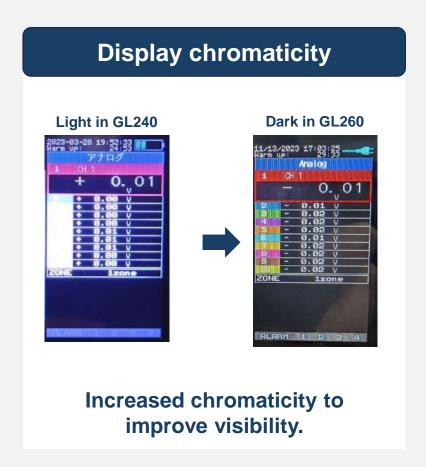
Improved Visibility

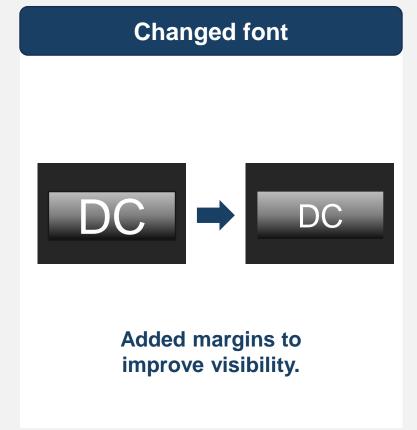


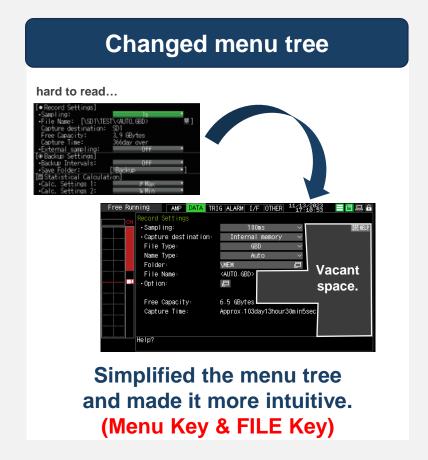
Improved Visibility



3 visibility improvements











Improved Operability



Improved Operability



3 operability improvements

Simplified waveform setting



Intuitive SPAN / POSI / TRACE operation.

Web server function



Faster update speed.

HELP-QR function



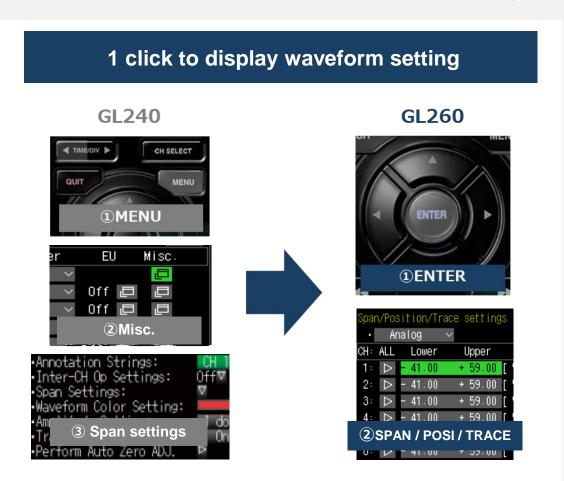
QR code for more detailed information.

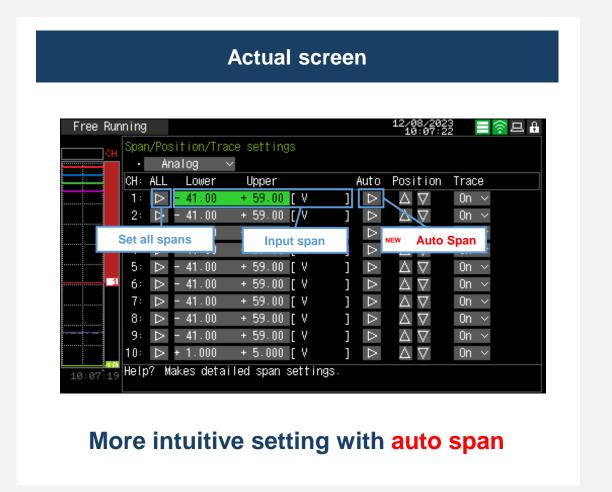


Simplified waveform setting



SPAN / POSI / TRACE settings can now be configured in less steps.

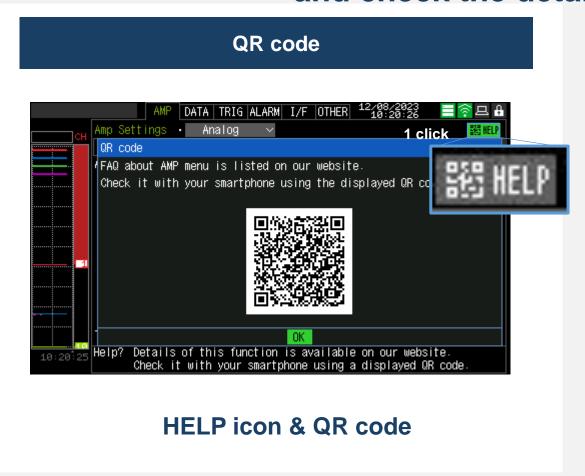




HELP – Display QR Code



Scan the QR code to see the related web page and check the detailed information.





By scanning the QR code in each setting item, users can reach to information on the FAQ web page.

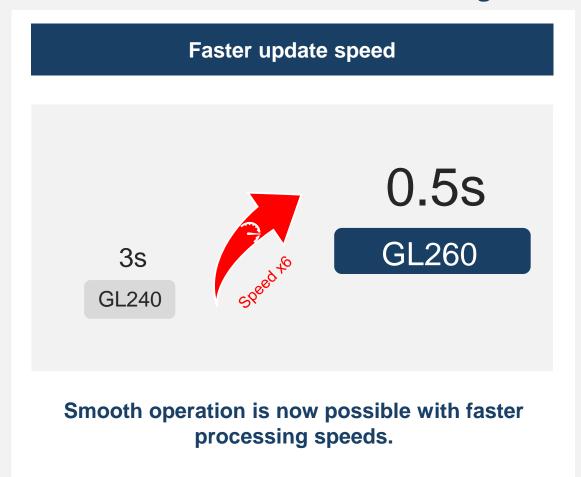
FAQ Supported languages: Japanese and English



Faster WEB server function



For smoother operation, CPU processing speed has been increased and settings screen has been renewed.



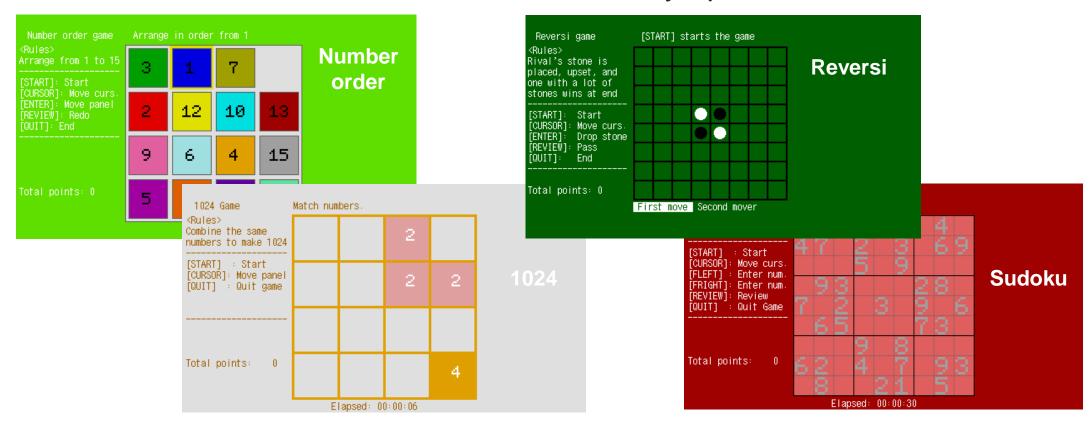


Install the same setup screen design as the logger. Data in the loggers can be downloaded.



News

The game function has been restored aiming to familiarize users with key operations.





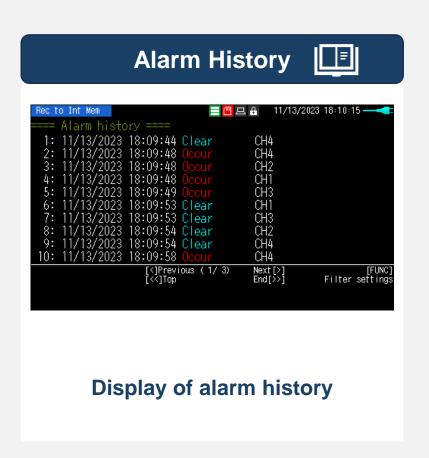


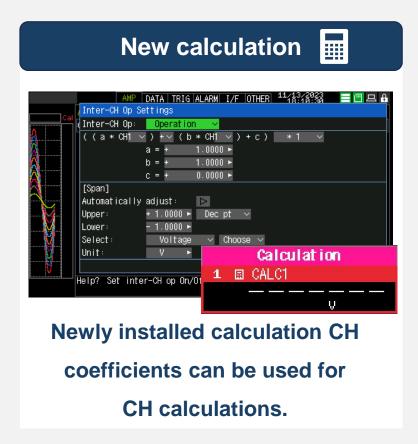


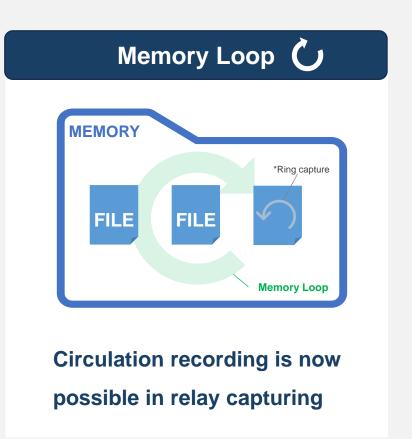
Improved functionality



3 new functions









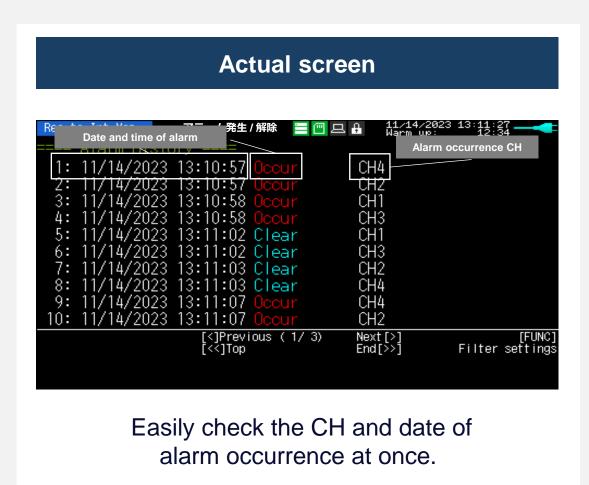
Alarm History

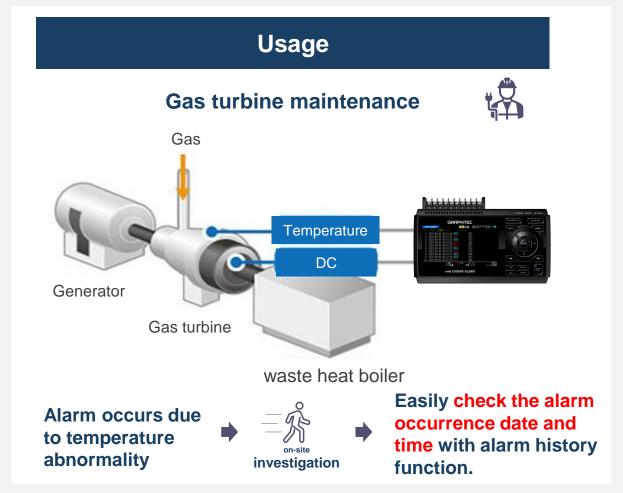
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What is Alarm History Function?



This function shows the date / time history of alarm occurrence / cancellation.







Alarm History Function



Target Users

- ✓ Want to keep a record of the condition.
- Want to check the alarm history during recording.
- Want to use the alarm function.

Production Monitoring









Alarm History - Data format-

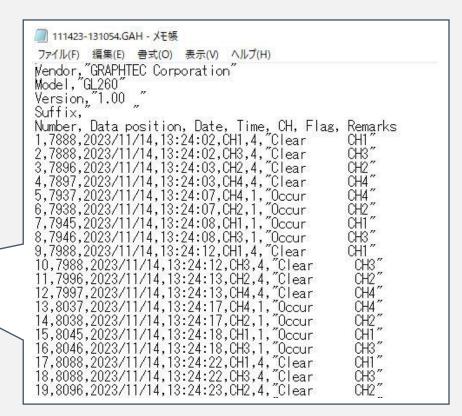


Alarm history data is saved in text format data.

- Alarm history data is saved in .GAH format.
- GAH can be opened as a text file.



*GAH files are saved in the same folder as the recorded files.







New Calculation



CH-to-CH calculation function



What is the CH-to-CH calculation function?

Calculation function between two CHs.

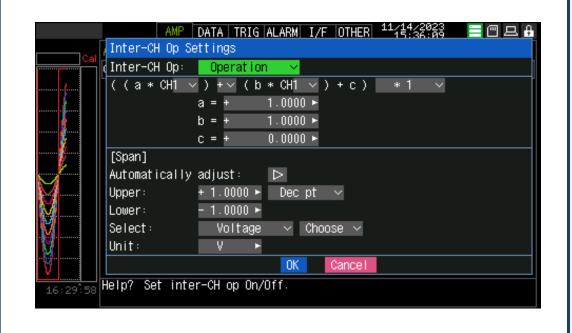
$$\Rightarrow$$
 Ex.) CH1 + CH2 = X

GL240 calculation function

- Overwrite analog CH with calculation
 - = 1 CH occupied by calculation.
- Calculation is only between CHs
 - = Coefficients are not available.
- => Only limited calculation can be performed.

GL260 New Calculation

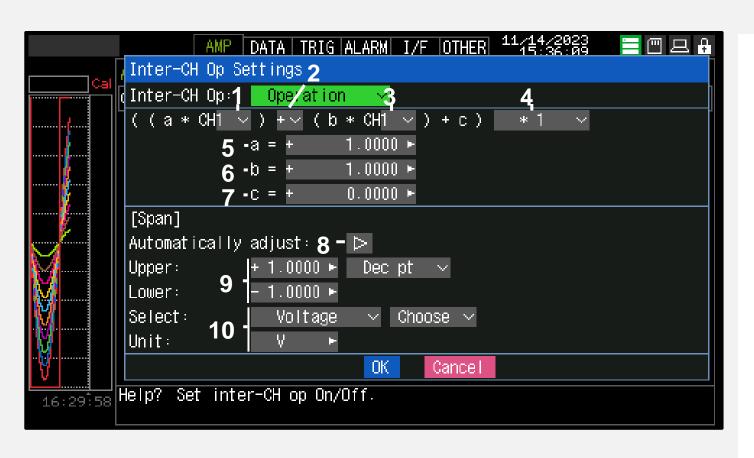
- **Dedicated CHs** for calculation is set up
- Coefficients can now be used
- Two types of calculation can be selected



<Calculation> Arithmetic equation



Output calculated data using coefficients or adjusting the number of digits are now available.



[Arithmetic equation]

- 1. CH referenced by calculation
- 2. Arithmetic symbols
- 3. CH referenced by calculation
- 4. Digit adjustment
- 5. Coefficient a
- 6. Coefficient b
- 7. Coefficient c

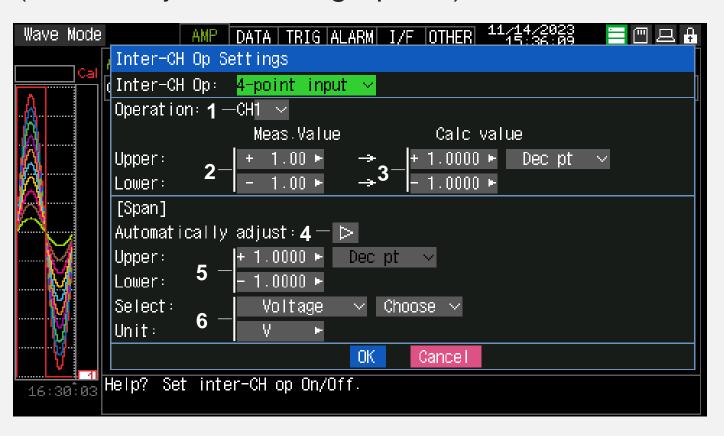
[Span]

- 8. Auto span
- 9. Manual input
- 10. Select the unit of output value

<Calculation> 4-point input



The 4-point input enables temperature slope calculation output. (Allows adjustment of graph tilt)



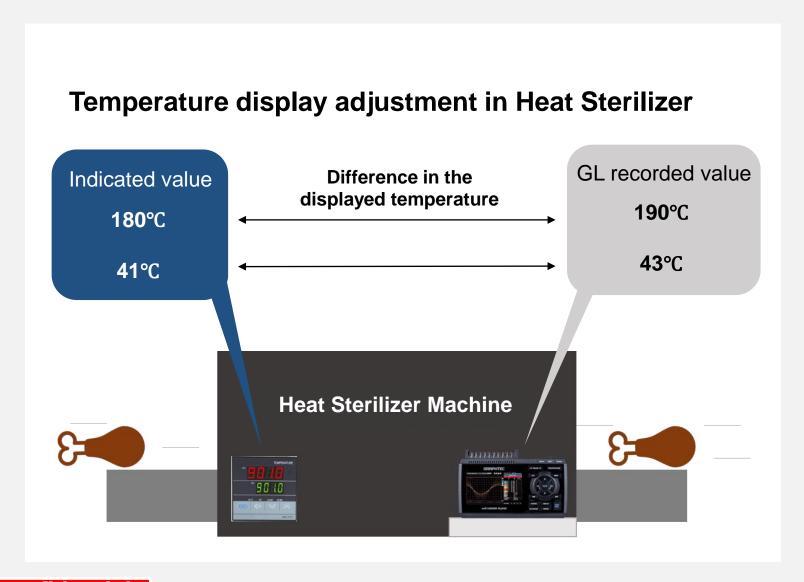
[4-point input]

- Upper and lower limits of measured value
- 2. Four arithmetic operations
- 3. Upper and lower limits of output values

[Span]

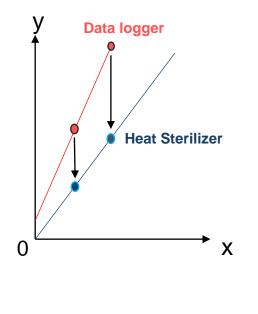
- 4. Auto span
- 5. Manual input
- 6. Unit Selection of output value

<Calculation> Application Example



4-point input

Adjust the difference of displayed temperature between the sterilizer and data logger.





Memory Loop Function C

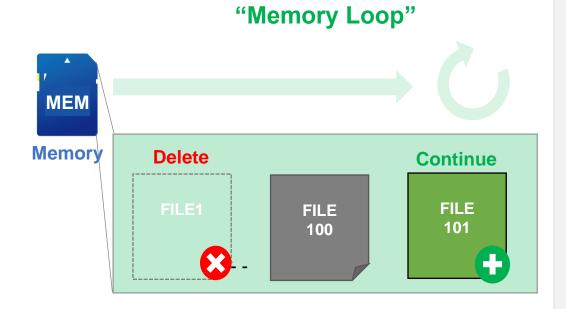


What is Memory Loop Function?



A new optional function of Relay capturing that automatically deletes the oldest files before memory capacity runs out and continues recording.

MEM Memory FILE1 FILE 100 STOP!

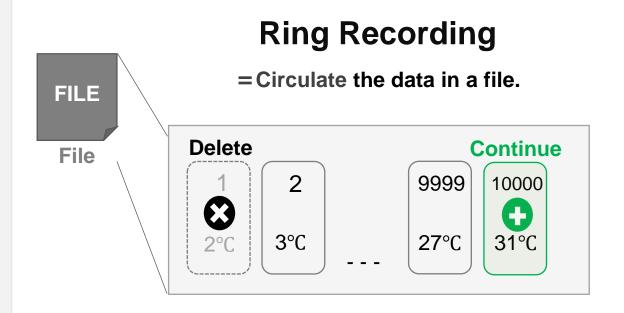


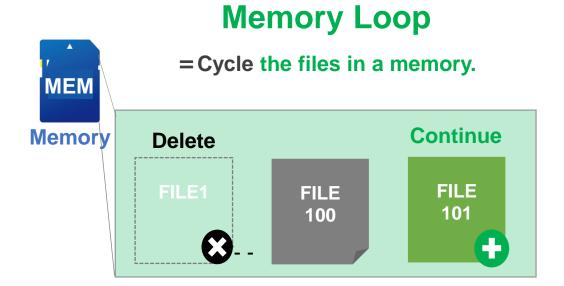


Difference between Ring Capturing and Memory Loop



Ring Capturing is a function that saves only the latest data of a specified number. **Memory Loop** is a function that storages data using the memory of the recording destination to the maximum extent.







<Memory Loop> Application Example



Maintenance of production line















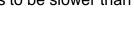


We want the to monitor the machine condition semipermanently. Also, the recording should be stopped and the data to be saved for 6 months only when a trouble caused.



- Ring Recording

Sampling speed needs to be slower than 200ms.





Recording stops automatically when the memory is full



- Memory Loop





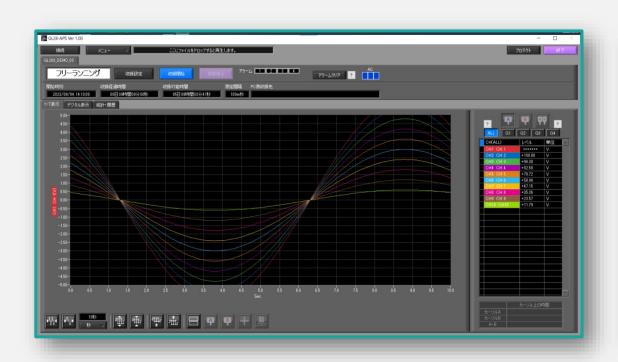


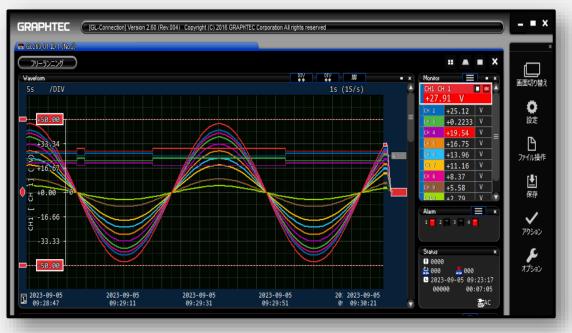
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Standard Software





GL28-APS

GL-Connection

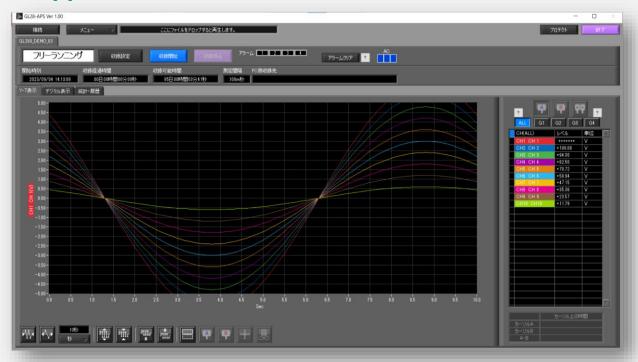


Software for GL260



GL28-APS

Supported models: GL260 / GL840 / GL240



Max. 10 units can be connected

Standard software to check, record, and save waveforms on a PC

Easy operation

Intuitive UI design Simple specifications **Versatile display**

Digital Value Screen Statistical calculation screen Integral bar graph screen



GL820 / GL220 / GL100 are supported by GL100_240_840-APS.

Integrated Waveform Monitoring Software



GL-Connection

Supported models: GL260 / GL7000 / GL2000 / GL980 / GL840 / GL240 / GLT400

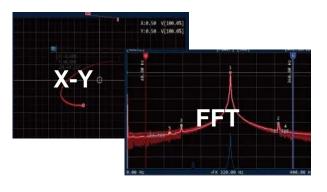
Multiple GL series can be managed at once.

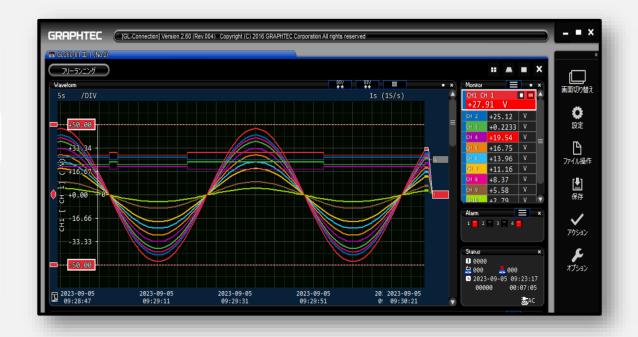
Focus on visibility



Monitor multiple loggers!

Various waveform displays





New Battery Pack

The battery pack will be changed from GL260.

B-569 B-573

GL240 GL260

| Model | B-569 | B-573 |
|----------------|-------|-------|
| GL240 | Υ | - |
| GL840 | Υ | - |
| GL980 / GL2000 | Υ | - |
| GL260 | * | Y |

^{*}Battery performance declines by 20%.

| Model | B-569 | B-573 |
|-------------------|---------|---------|
| Capacity | 2900mAh | 2875mAh |
| Charge voltage | 8.4V | 7.2V |

