

GRAPHTEC

Graphtec Measurement Solution

High-Voltage Logger for Maintenance

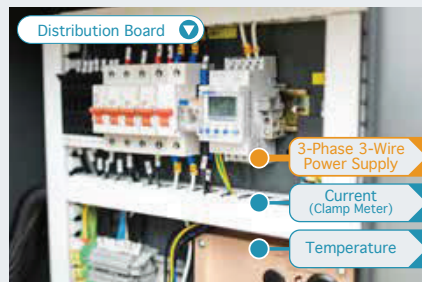
medi LOGGER HV GL2000

Applications • Purposes /

- Maintenance (Corrective, Periodic, Preventive)
- Diagnose (Failure analysis)
- Observation (after repair or maintenance)

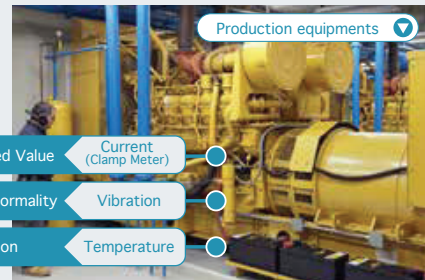


Example Application



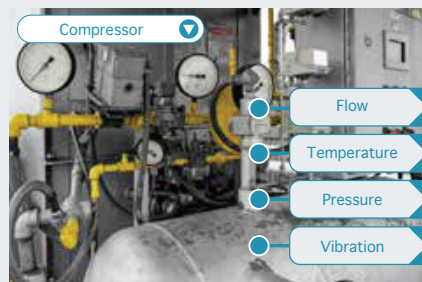
Distribution Board

- 3-Phase 3-Wire Power Supply
- Check Rated Value
- Current (Clamp Meter)
- Check Rated Value
- Temperature
- Caution



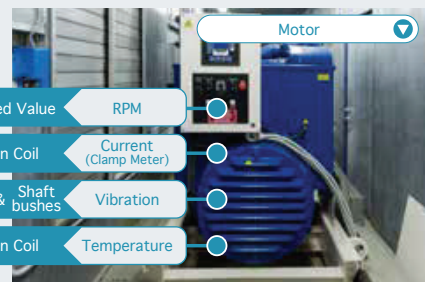
Production equipments

- Check Rated Value
- Current (Clamp Meter)
- Check Abnormality
- Vibration
- Caution
- Temperature



Compressor

- Flow
- Check Rated Value
- Temperature
- Check Efficiency
- Pressure
- Check Efficiency
- Vibration
- Failure on Motor



Motor

- Check Rated Value
- RPM
- Failure on Coil
- Current (Clamp Meter)
- Failure on bearing & Shaft bushes
- Vibration
- Failure on Coil
- Temperature

medi LOGGER HV GL2000 is
Problem Solving Tool !

GL2000 will tell you the cause!

Common cause failures

- Power Source
- Motor (Bearing, Coil, Shaft bushes)
- Secular Change

- Power Supply Voltage (3-Phase), Voltage DIPS, Surge noise, Over-current, Temperature, Vibration, Sound, Rotation
- Time-series monitoring will help you detect the failure sign
- Various trigger function

www.graphtecamerica.com/instruments

midi LOGGER HV GL2000

Key-functions for Maintenance Use



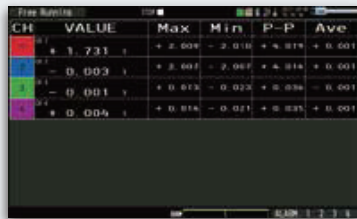
Portable & Handy Design

- External dimension : Approx. 260 x 161 x 85 mm
- Weight : Approx. 1.7kg
- Optional battery
- Protect cover

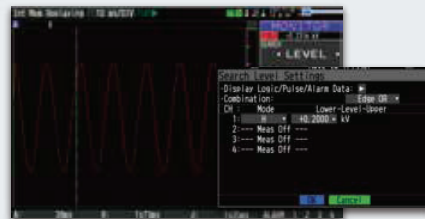
The instrument is in compliance with JIS Vibration Test Method for Automobile Type 1 Class A. (Vibration durability test: 5m/s²)

Large 7.0 inch TFT Display / Stand-alone Operation (PC-less) On-site

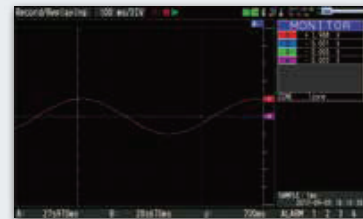
Real time statistical calculation



Search Level

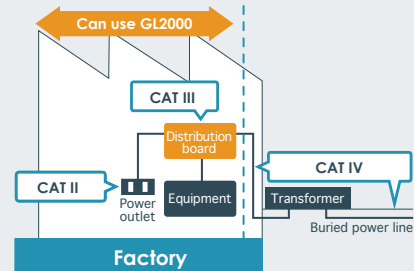


Data replay while capturing

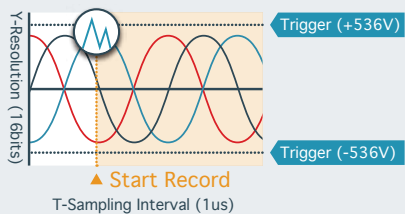


CAT III Compatible

3-Phase 3-Wire 380V 50Hz measurement



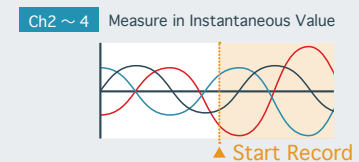
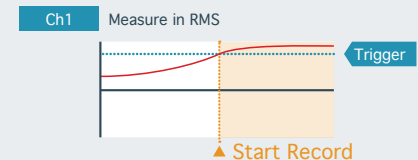
High Speed(1MS/s), High Resolution(16-bit)



Fast and micro variation:
(Noise from power surge,
switching surge, lightning surge)

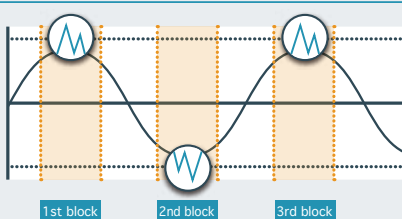
RMS(Root Mean Square) Measurement

Detecting AC Voltage fluctuation in RMS



Triggered in case of Voltage DIPS
(Voltage drop & momentary stop)

Block Segmentation of Build-in RAM

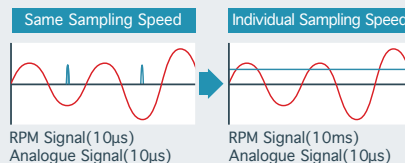


- Overwrite (Continuous)
New data will be saved over old data.
- Auto-back-up
RAM data will be auto-copied to Internal Flash Memory.

Data remains in case
of unexpected incident

RPM Measurement

Individual sampling speed setting on Pulse



Detailed RPM trend can be monitored
(Especially for slow RPM)

- Due to the possibility of equipment or PC failure, the data files on the instrument will not be guaranteed to be held on the memory. Please make a backup of data whenever possible to avoid data loss.
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- 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 malfunction or an electric shock by current leakage or voltage, please ensure a ground connection and use according to the specification.

GRAPHTEC

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