# 3 Dimensions Gravity Recorder
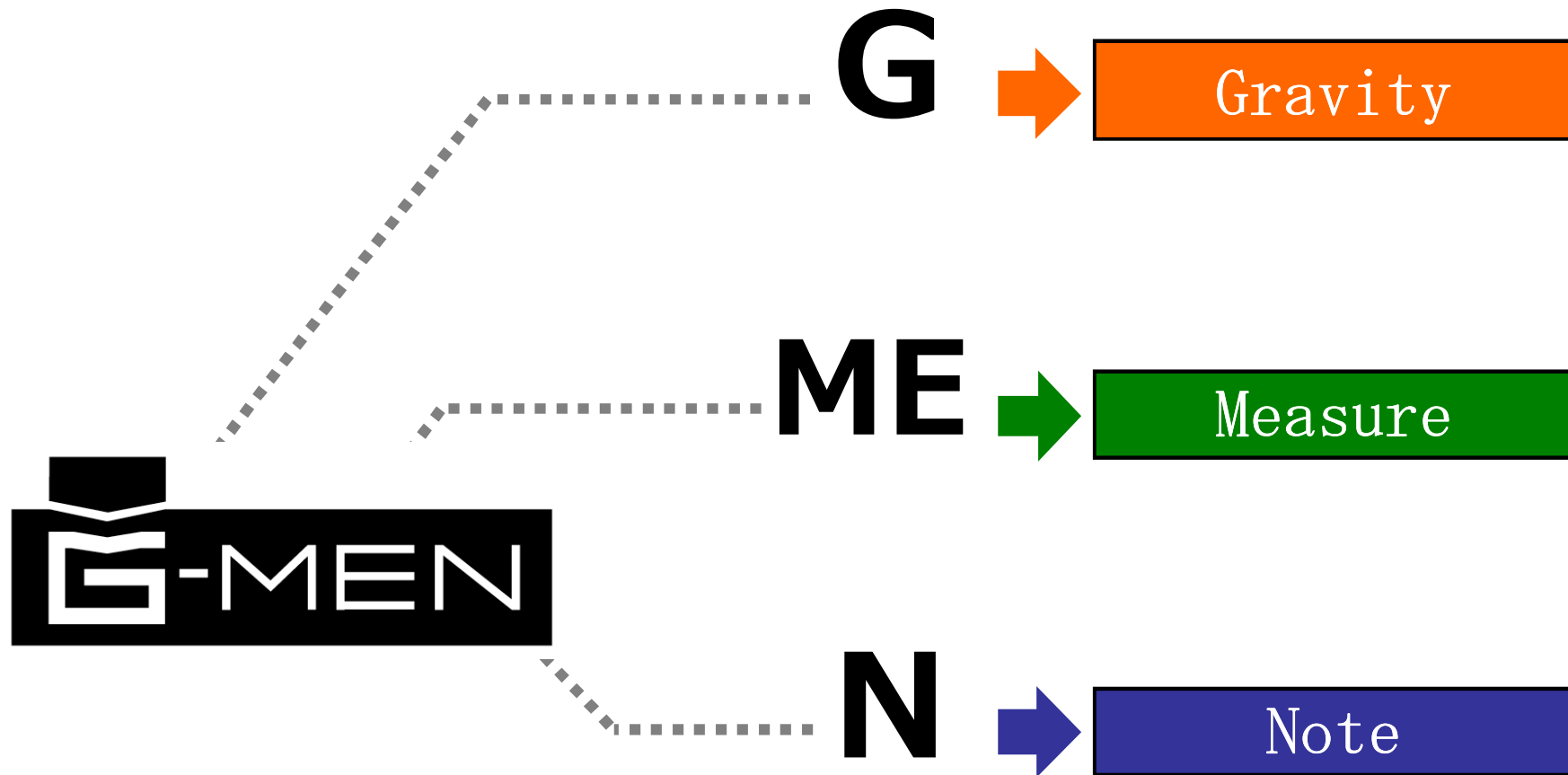
*Supper small Recorder for Vibration / Acceleration*



**GRAVITY SHOCK RECORDER**

G-MEN

# Gravity Shock Recorder  G-MEN

**G** → Gravity

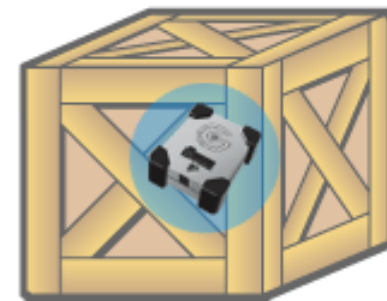**ME** → Measure

**N** → Note

# G-MEN Key features

- Measure – 3-axis, shock acceleration peak values & Temperature
- Easy to use.
  - Small form factor
    - Install any place of BOX, Container and Equipments.
  - 2AA battery
  - Connection to PC via USB
    - Condition setting from PC
    - Easy to analyze captured data using window base software tool
- High quality performance
  - Variable sampling rate
    - Applicable for multi-purpose
  - High resolution
    - Reliable data
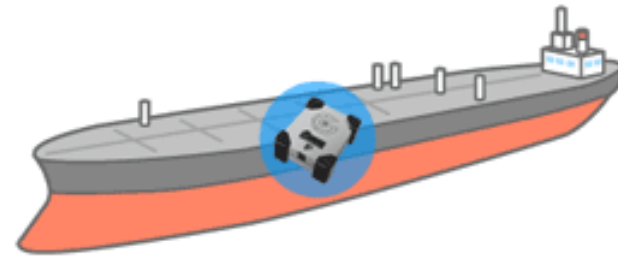
# Application – Distribution Industry

- G-MEN will enable to provide higher quality / reliability service to customer.

  – Record vibration / gravity shock from door to door.

  – Might be offered for priority customer / Fragile Items

- Measure quality / performance of service

  – Can be used for internal audit

# Application

- Measure impact for Ship, Equipments etc.

  – G-MEN can measure ship movement of "front and rear" , "right and left" and "up and down" by waves during traveling.

  – G-MEN can record actual vibration while TV broadcast equipments are working. It can identity impact from vibration.
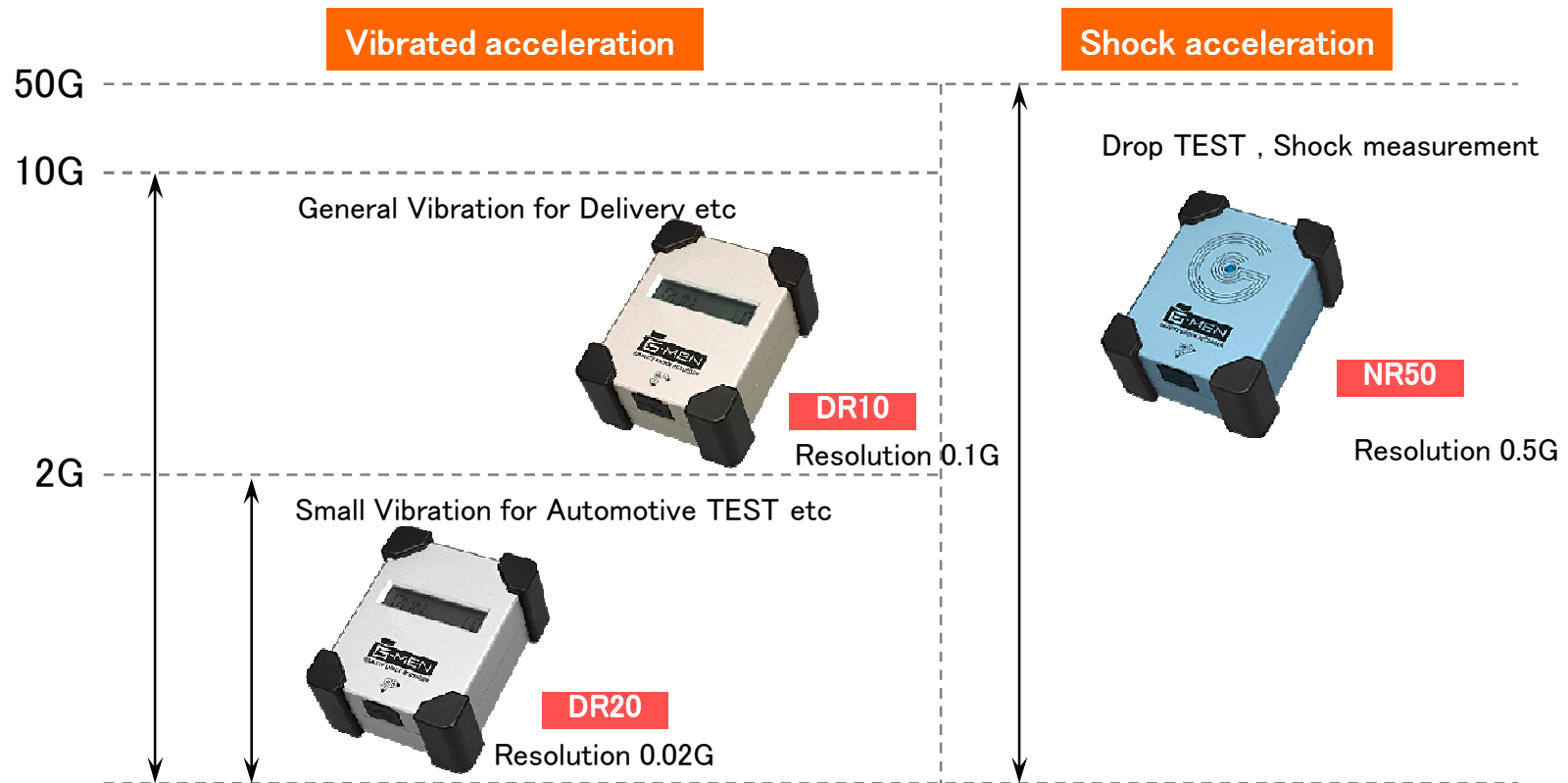
- G-MEN can be used for safety record for track, Taxi and Construction industry
  - G-MEN can capture operation record.
  - Also captured data can be used as safety record.
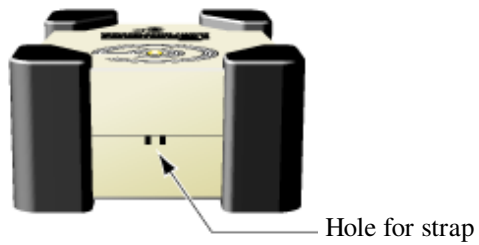
# Product Line up

## KEY Specification

**Vibrated acceleration**

**Shock acceleration**

50G

10G

Drop TEST , Shock measurement

General Vibration for Delivery etc

**NR50**

**DR10**

Resolution 0.5G

Resolution 0.1G

2G

Small Vibration for Automotive TEST etc

**DR20**

Resolution 0.02G

G-MEN

# Product Specification

**GRAVITY SHOCK RECORDER**

| Model | G-MEN DR02 | G-MEN DR10 | G-MEN NR50 |
|---|---|---|---|
| Items | 3-axis, shock acceleration peak values ＋Temperature | | |
| Acceleration sensor | Static±2G | Static±10G | Dynamic 50G |
| Min Sampling | 10msec | | |
| Resolution | 0.02G | 0.1G | 0.5G |
| Accuracy | ±10% | ±10% | 10% |
| Measurement interval | 1sec～30min | | |
| Status Display | LCD | | LCD |
| Memory Size | 8,000 data | | 8,000 data |
| Memory Media | Flash Memory | | |
| Connection to PC | USB（miniB） | | |
| Battery Life time | 14days～60days (depends on setting) | | |
| Power Supply | AAA×3 | | |
| Size | 75（H）×60（W）×32（D）mm | | |
| Weight | 115g(Inc battery) | | 110g(Inc Battery) |
| Accessories (included) | USB cable, AAA battery1枚）, PC software G-Trace Lite（CD-ROM） | | |

G-MEN

# Product Overview

Top view

Hole for strap

Top view

Corner holder

LED（2 colors）

3 axis mark

Bottom view

USB port（MiniB）

Back side

Screw hole for Wall unit

Battery case

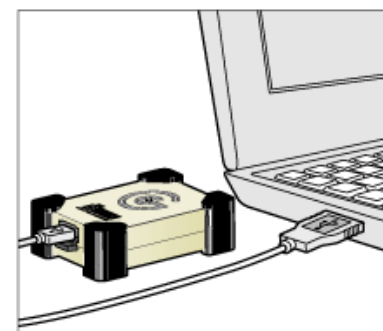Battery case

3 AAA battery
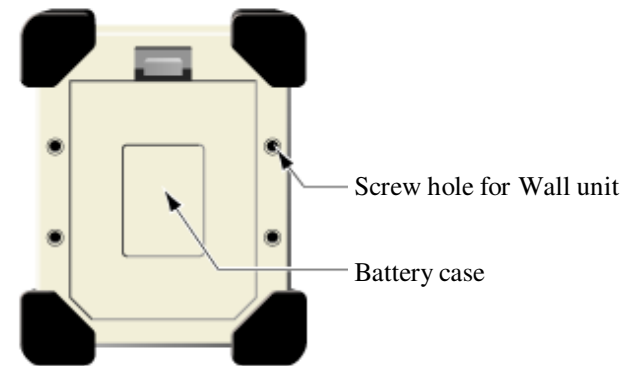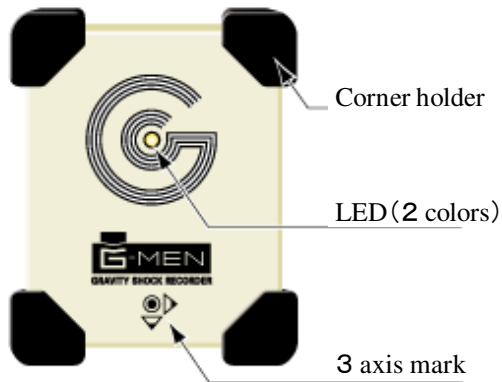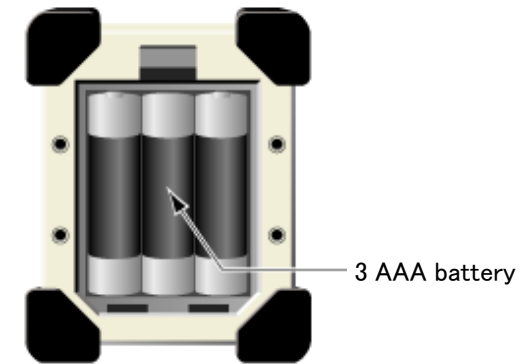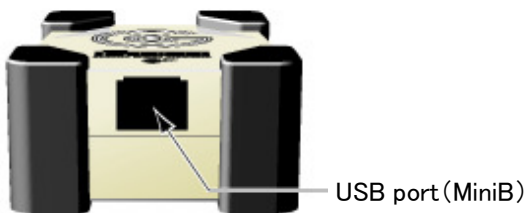
# Operation Manual
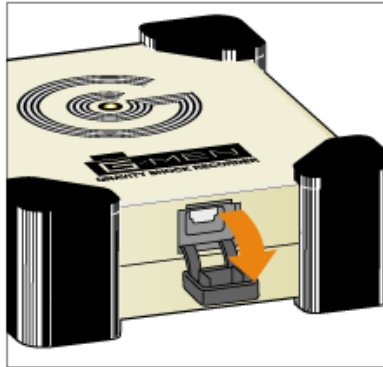
**1** **Open connector cap**
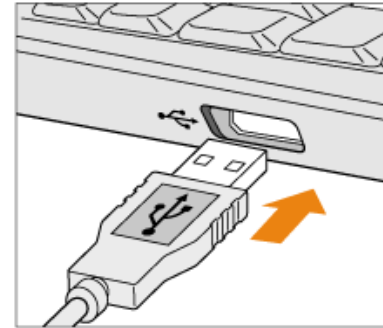
**3** **Connect to PC**
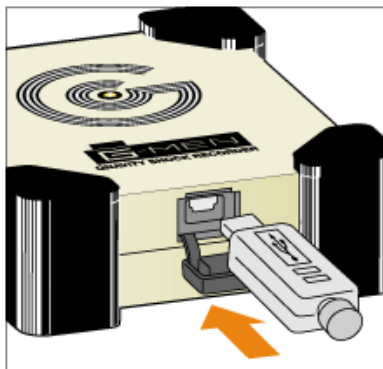
**2** Connect USB cable

**4** Connection established
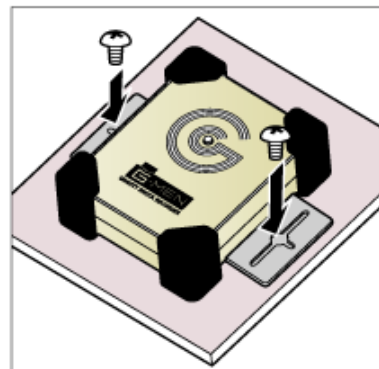
G-Trace Lite has to be
installed in PC.

# How to install ?



**1** **Wall attachment**

付属ネジ
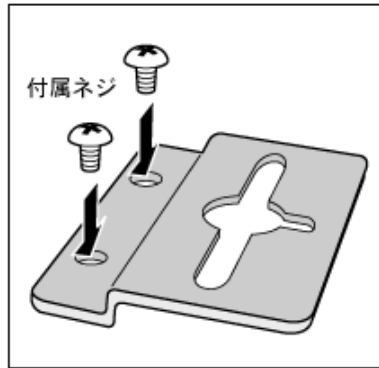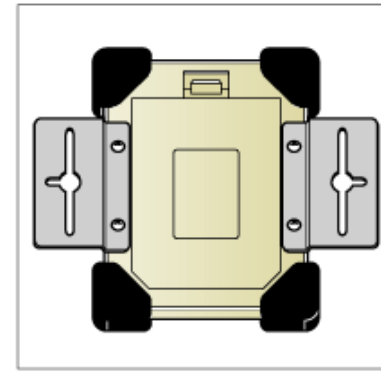


**2** **Attach to G-MEN**

Attach metal plate to
both side of G-MEN



**3** **Attach to UTU**

Attach G-MEN to UTU
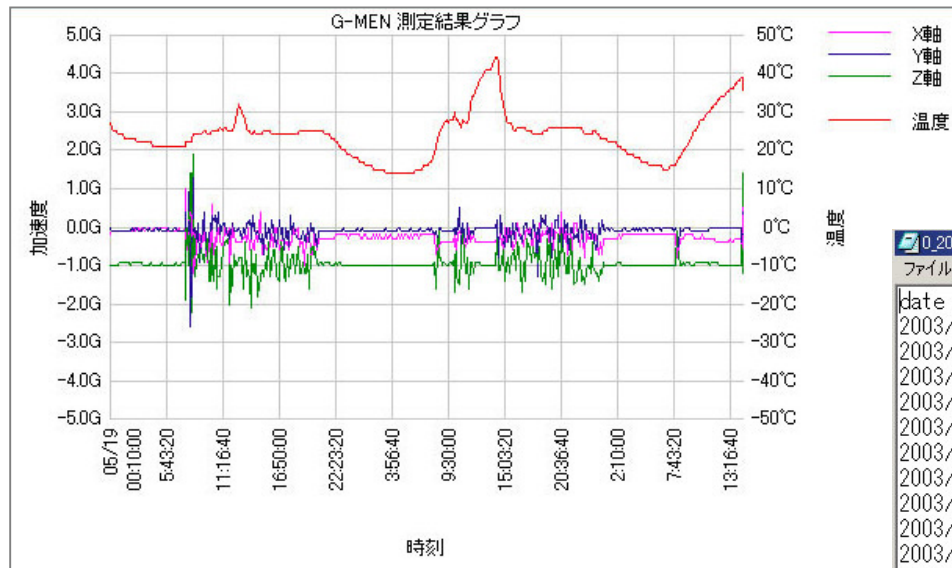(Under Test Unit)
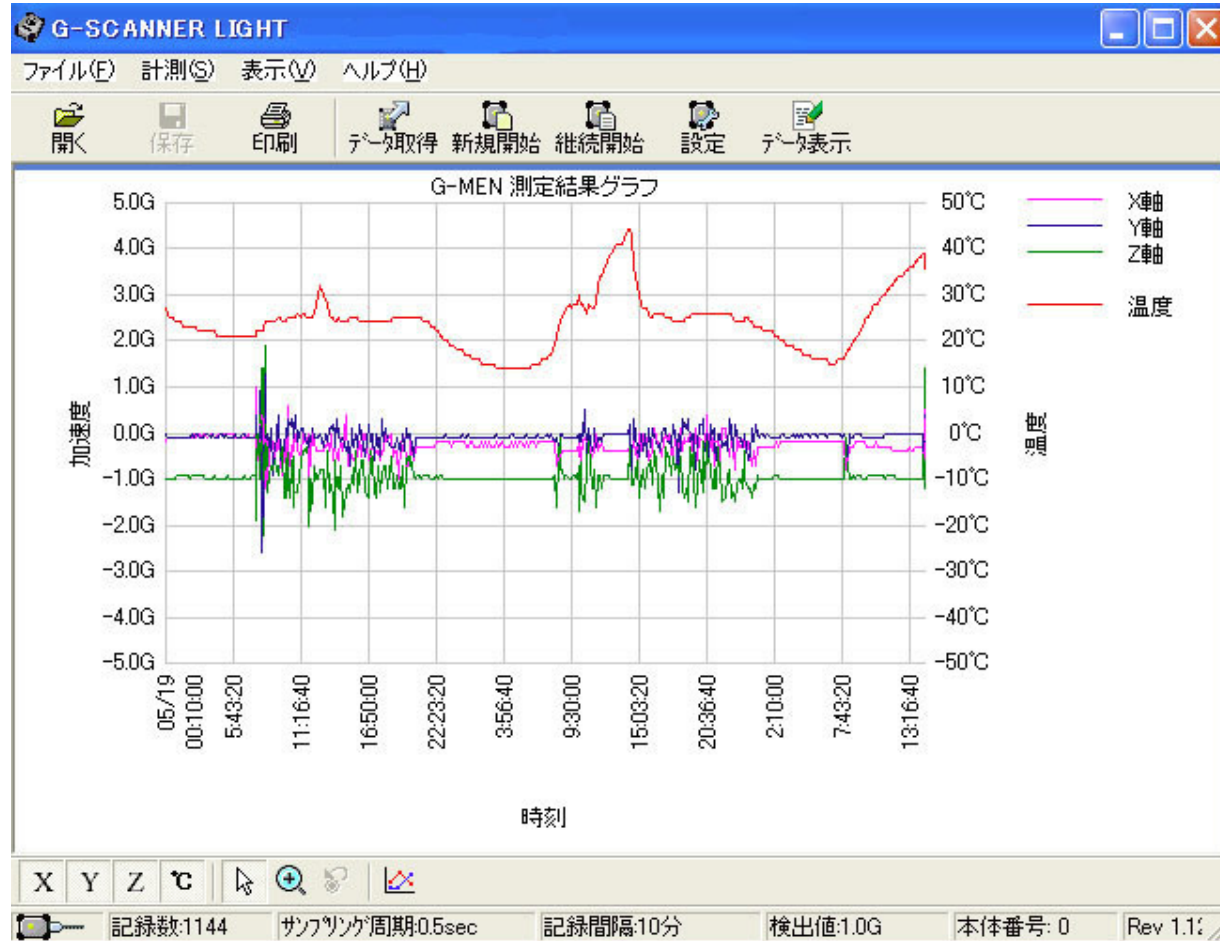
G-MEN

# Product Overview - Software

# Product Overview - Software



**Data Log Display**

**Time Domain Graph Display**
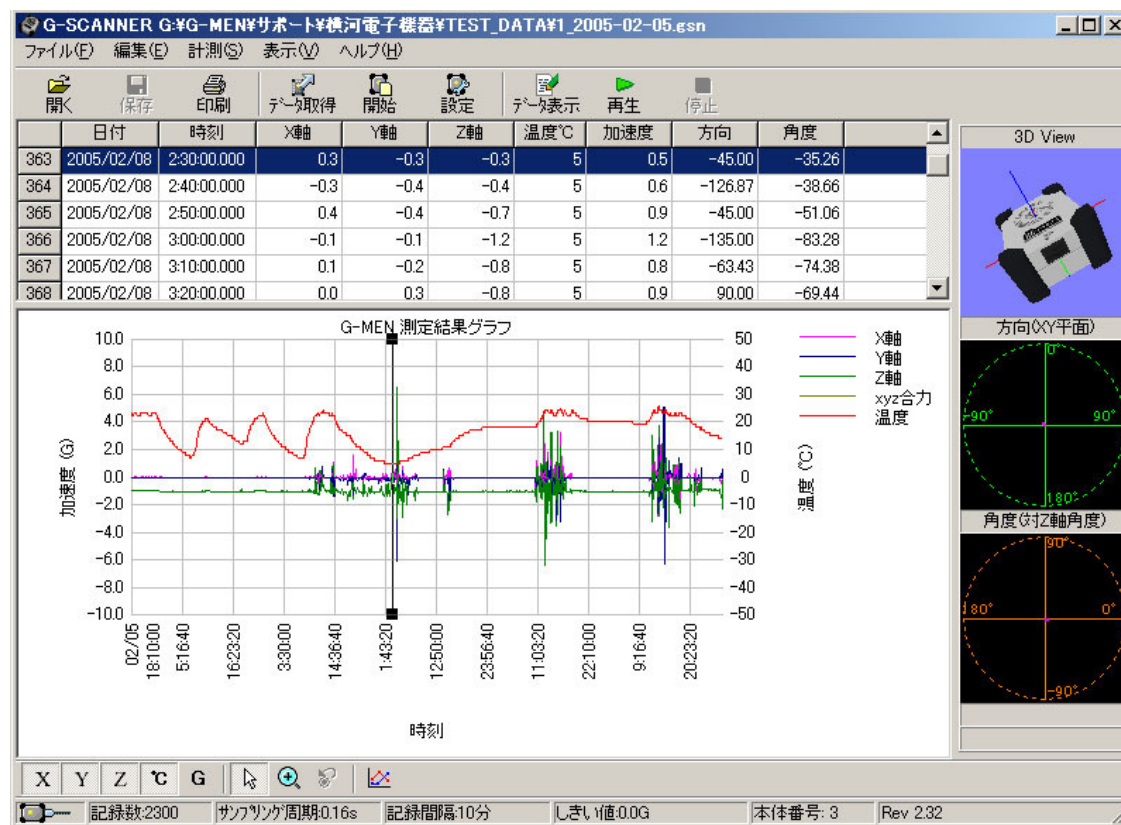
**CSV Format**

* English version available

# Optional Software



G- SCANNER is Enhanced software for
G-MEN (Option)

## Features

1 . Data Log Display

2 . 3D View Display

3 . Direction Display

4 . Angle Display

5 . Real Time mode

6 . Play back mode

* English version available

# G-MEN will change
# The Distribution System!

# Contact information

- G-MEN Authorized Distributor
  - A-Walk USA Inc.

    www.a-walkusa.com