Measure vibrations of a location for installing a server

Measure vibrations to see if a location is suitable for installing a server.

- **Highlight**
  Server manufacturers provide specifications regarding the vibrations of a location where a server can be installed. By connecting a 3-axes vibration sensor and an output amplifier to the MEMORY HiCORDER MR8880-20, you can simultaneously record waveforms for vibrations along 3 axes.

![Diagram showing connection of server rack, 3-axis sensor, output amplifier, and MEMORY HiCORDER MR8880-20]

- Place the 3-axes vibration sensor on the floor to measure vibrations.
- Connect the sensor output to the input of the MEMORY HiCORDER MR8880-20 via the output amplifier.
- The captured waveforms can be used to determine the peak waveform level and be processed in a frequency analysis using commercially sold FFT analysis software.
- The customer will have to obtain a 3-axis sensor (a 2460A from Showa Sokki Corporation) and an output amplifier (Model 1607A also manufactured by Showa Sokki Corporation)

**Products used**
- MEMORY HiCORDER MR8880-20
- CONNECTION CORD L9217