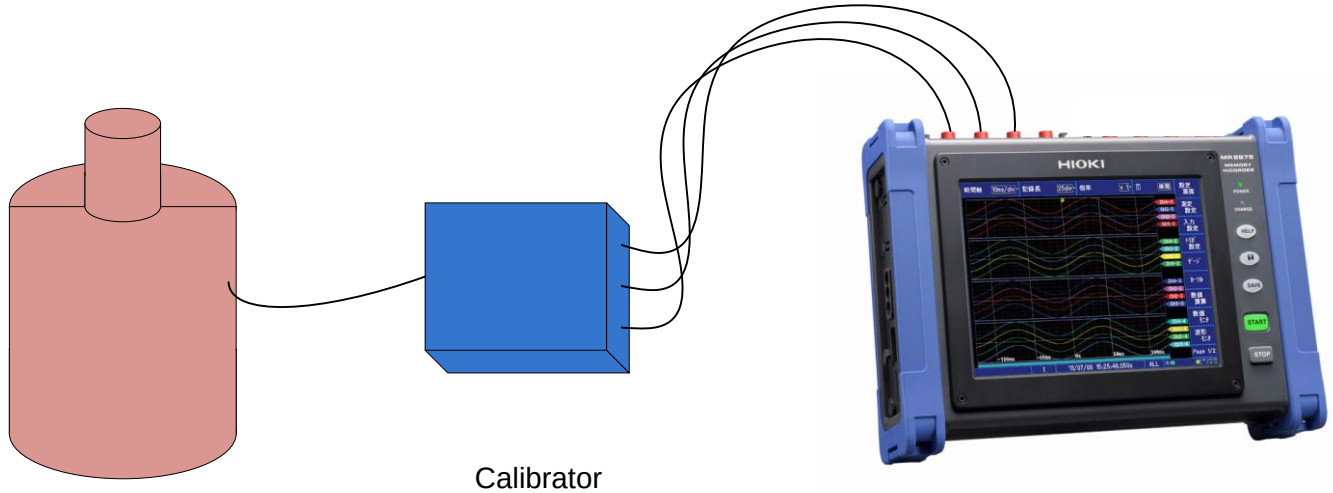
Automobiles,Transport vehicles	R&D,Testing/QA,Inspection

High-resolution and Multi-force Component Recording
(High-precision and High-speed Logger)

Output data of a multi-force component sensor used for the fluid dynamics sensor for wind tunnel and water tank tests can be recorded at a high 16-bit resolution.

■Highlights

A multi-force component sensor refers to a sensor to detect the three-axis forces and each moment. Combined use with the MR8875 Memory HiCorder enables recording the output of the multi-force component sensor simultaneously. The MR8875 Memory HiCorder can perform measurement on up to 16 channels in combination with an optional amplifier.



Multi-force component sensors

Calibrator

MR8875 MEMORY HiCORDER
MR8901 ANALOG UNIT
L9198 CONNECTION CORD

This is an example of recording the output of a three-force component sensor with the MR8875 Memory HiCorder.

The MR8875 Memory HiCorder is an easy-to-use measuring instrument with a large touch screen. Since the main body alone cannot perform measurement, an analog unit and connection cable are required separately. The output cable of the calibrator and the input terminal connector of the MR8875 may not be compatible. In that case, the L9198 Connection Cord must be used to connect the cables. The MR8901 Unit has insulated BNC connectors.

※ HIOKI does not provide multi-force component sensors.
For details, inquire with a manufacturer that provides multi-force component sensors.

Products used

- MEMORY HiCORDER MR8875
- ANALOG UNIT MR8901
- CONNECTION CORD L9198

(Required for the number of the force component detection channels)

■All information correct as of October 2011.
■Contents are subject to change without notice.