Test the Strength of Construction and Industrial Materials

By applying a load to the construction and industrial materials and measuring the displacement, the strength characteristics of the materials can be identified from the load displacement curves.

- **Highlights**
  - Select a recorder that covers the analog output level and output response speed of the digital gauge counter and the analog output level of the load meter.
  - Connect the analog output of the load meter and the analog output of the digital gauge counter to the MR8847-01 Memory HiCorder.
  - Create a load displacement curve using the X-Y display function of the Memory HiCorder.

For details on the digital linear gauge sensor and digital gauge counter, see the GS-1530A and DG-4190 catalogs of Ono Sokki.

The MR8847 Memory HiCorder can be used because the analog output level of the DG-4190 is 0 to ±10 V and the output response speed is 25 ms.

**Products used**

- MEMORY HiCORDER MR8847-01, MR8847-02, or MR8847-03
- ANALOG UNIT 8966
- CONNECTION CORD L9198 x2