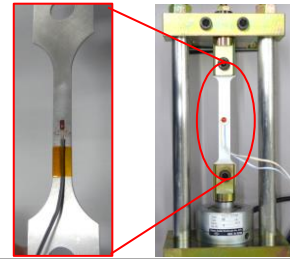
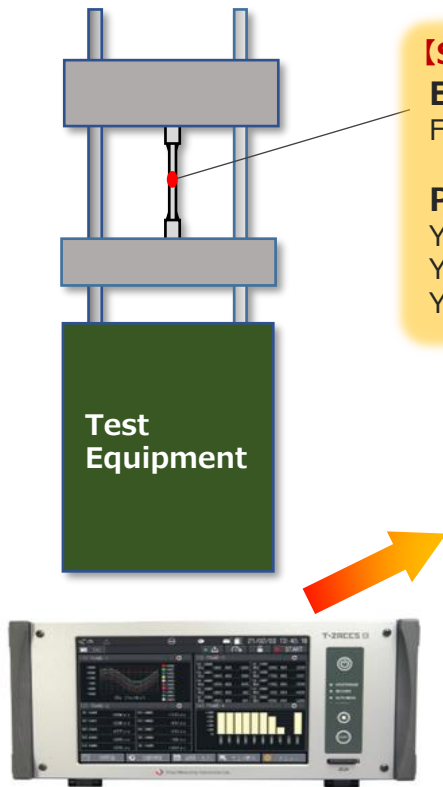


Metallic Material Testing



This system is widely used for **measuring the strain in material tests (elastic and plastic zone)** for investigating the mechanical properties of metallic materials. **Display of real-time numerical monitoring and graphing** are facilitated for the average (two front/back sides) and max/min values by high-speed sampling of 100 ms/SCN. Compatible with the **voltage signal input** of testing machine.



[Strain Gauge]

Elastic strain gauge

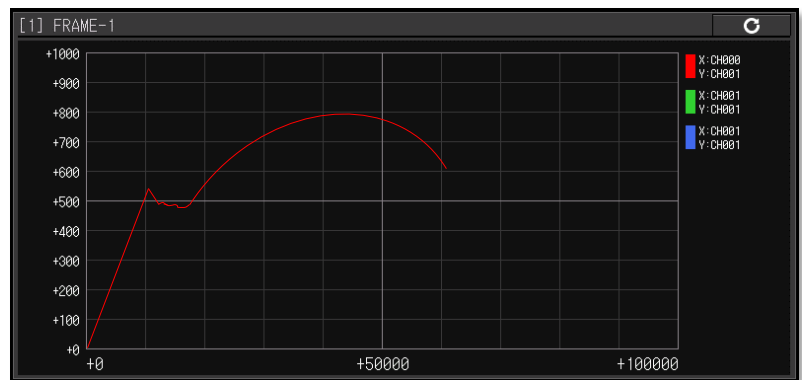
F series Strain limit at room temperature 3~5%

Post-yield Strain Gauge

YEF series Strain limit at room temperature 10~15%

YF series Strain limit at room temperature 15~20%

YHF series Strain limit at room temperature 30~40%



*Image is for illustration purposes.

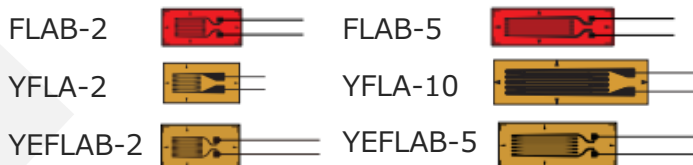
Stress-strain curve

NEW T-ZACCS 9 TS-960

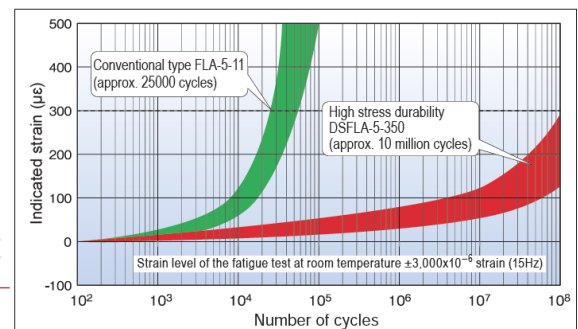
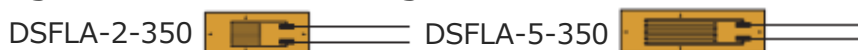
Point

- ✓ High-speed 0.1 second sampling intervals that can handle quasi-dynamic phenomena
- ✓ Wide gauge measuring range, including the plastic range (full compensation of strain)
- ✓ Built-in arithmetic function
- ✓ You will be satisfied with only single measuring device without connecting to a PC.
- ✓ Graphic display screen data is saved on an SD card (screen capture)

【 Examples of products 】 strain gauge



High Endurance Strain Gauge



Example of strain gauge fatigue test results