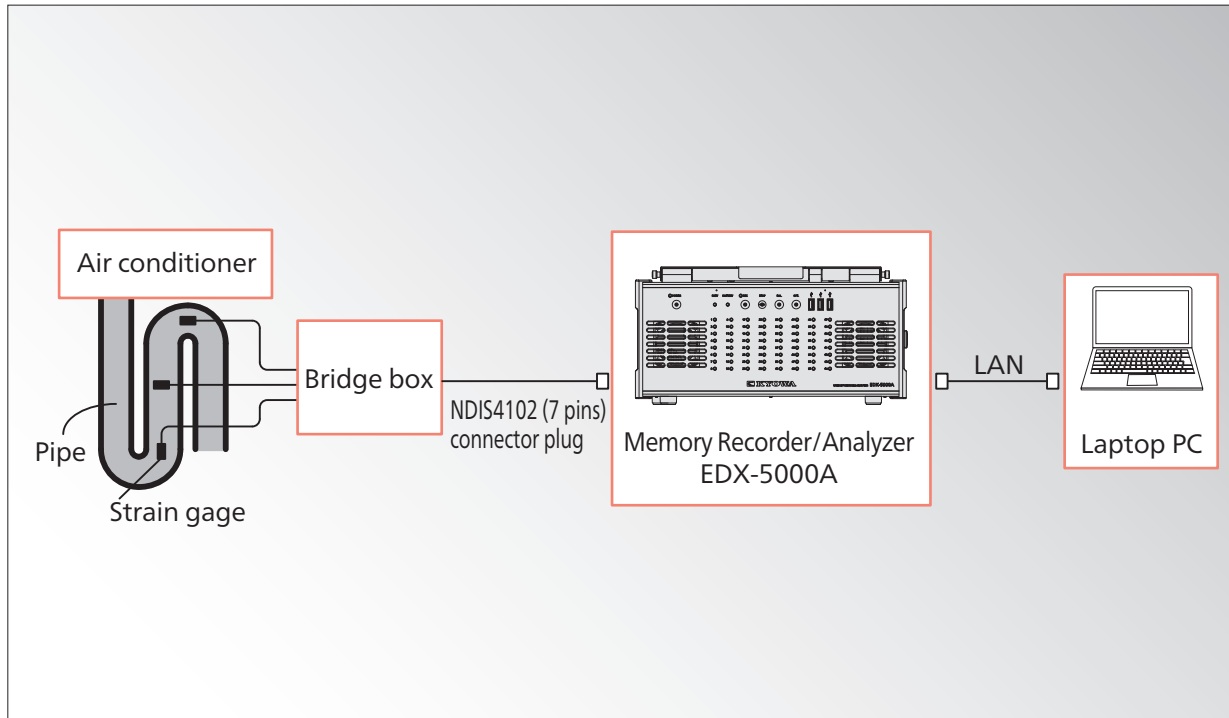


Pipe Stress Measuring System



Test Systems

Measures stress on pipes.

- Measures the pipe stress of air conditioners, etc.
- Dramatically reduces testing time.
- Sampling frequency: Max. 10 kHz

This system is used to measure the stress exerted on pipes due to the vibration of compressors in air conditioners, etc.

The system synchronously measures strain gages, accelerations and records data under the specified conditions.

System components

- Memory Recorder/Analyzer EDX-5000A x1
- Laptop PC x1
- Dedicated software x1
- Housing case x1

Recording

- Frequency calculation
- FFT analysis
- Document print
- Recording determination
- Rosette analysis

Specifications

Applicable Sensors	120 Ω strain gages, piezoelectric acceleration transducers
Number of Channels	48
Sampling Frequencies	1 to 10 kHz
Measuring Accuracy	$\pm 0.5\%$ FS
Functions	Data recording function Stress display function Waveform display function FFT analysis function Document print function Others
Power Supply	100 to 240 VAC
Operating Temperature	10 to 35°C
Operating Humidity	30 to 80% (Non-condensing)