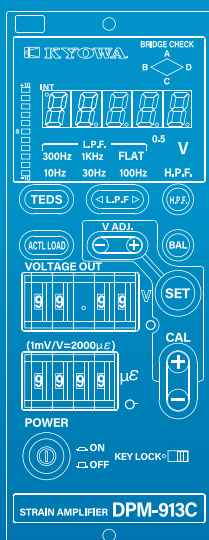
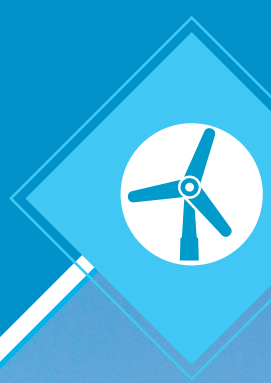
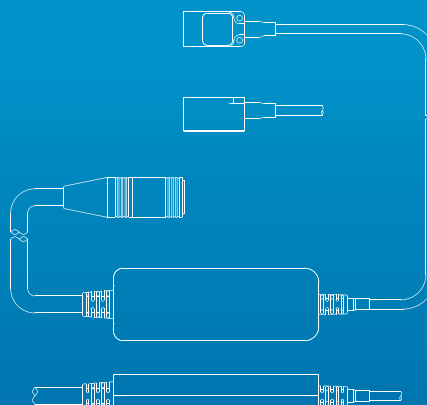
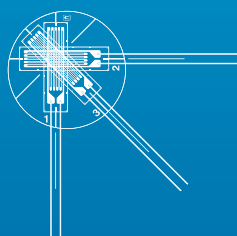
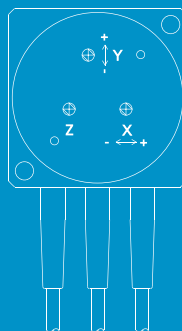
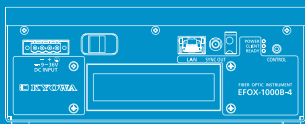
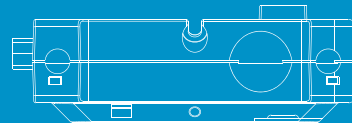
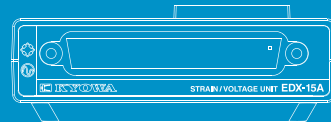
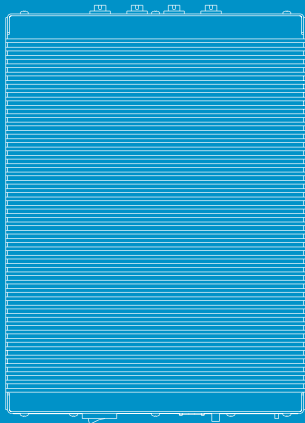


Move into the future with reliable measurements



Applications of the energy industry

Applications of the energy industry



Supporting improvement of energy safety performance through measurement in safety test



Application of the energy

Petroleum complexes

P.2

- Strength testing of tanks
- Weight management of hoppers and tanks

Solar panels

P.2

- Impact and damage measurement of solar panels
- Vibration-resistance measurement of solar batteries and panel structure

Research facilities

P.3

- Drop and impact testing of lithium-ion batteries

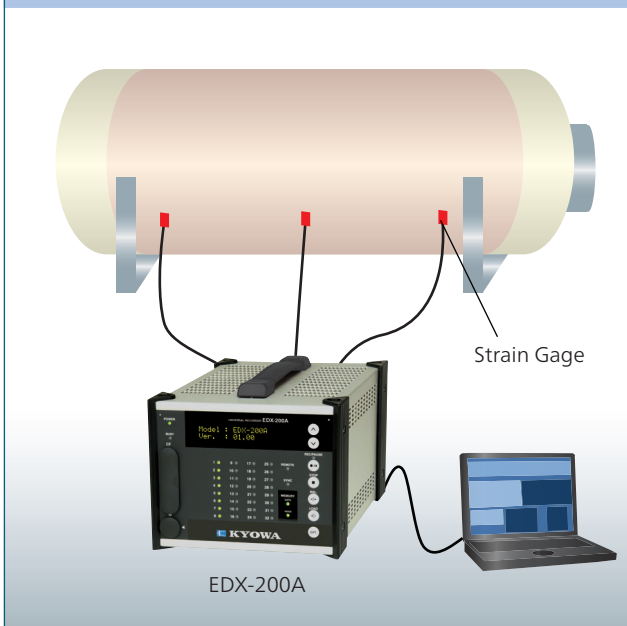
Offshore wind power stations

P.3-5

- Measurement of wind power generations facilities
- Simple measurement of models and parts
- Multipoint measurement of wind power generators (Foundation, Tower, Blade)
- Monitoring and measurement of towers (Maintenance)
- Vibration measurement of wind power generators (Nacelles)

Petroleum complexes

Strength testing of tanks

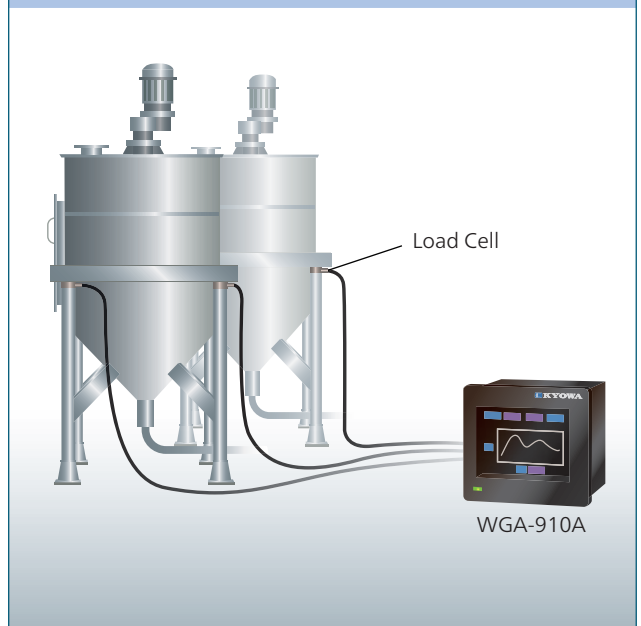


Attention!

Universal Recorder
EDX-200A

Enables to measure various tests (strength and destruction testing) with multiple channels by using dual sampling.

Weight management of hoppers and tanks



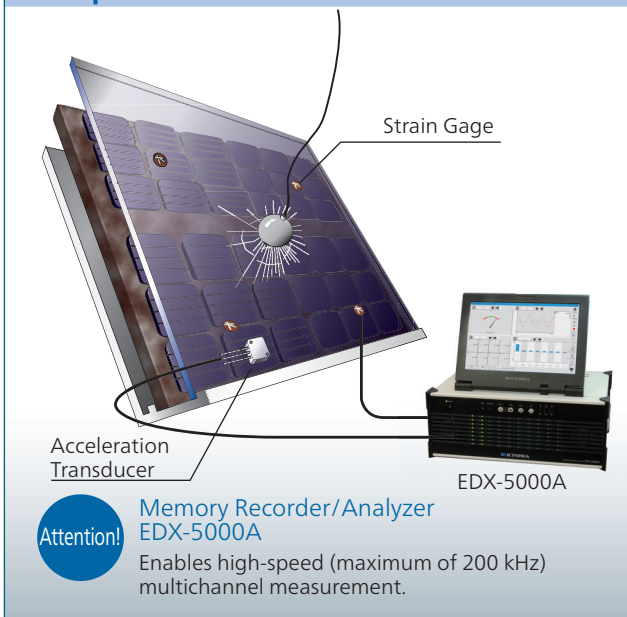
Attention!

Instrumentation Amplifier
WGA-910A

Enables to view load changes (in waveform and value) on the display.

Solar panels

Impact and damage measurement of solar panels

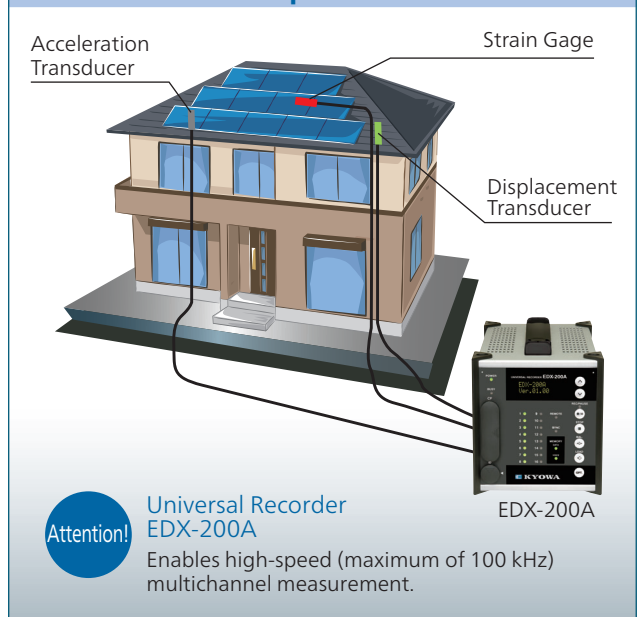


Attention!

Memory Recorder/Analyzer
EDX-5000A

Enables high-speed (maximum of 200 kHz) multichannel measurement.

Vibration-resistance measurement of solar batteries and panel structure



Attention!

Universal Recorder
EDX-200A

Enables high-speed (maximum of 100 kHz) multichannel measurement.

- Strain Gage
The strain gage is a sensor used to detect minimal changes (strains) in mechanical dimensions.



- Acceleration Transducer
Measures up and down, back and forth, and right and left accelerations.



- Memory Recorder/Analyzer
Enables synchronous recording and reproduction of measurements and image data; compatible with TEDS.



- Strain Gage



- Acceleration Transducer

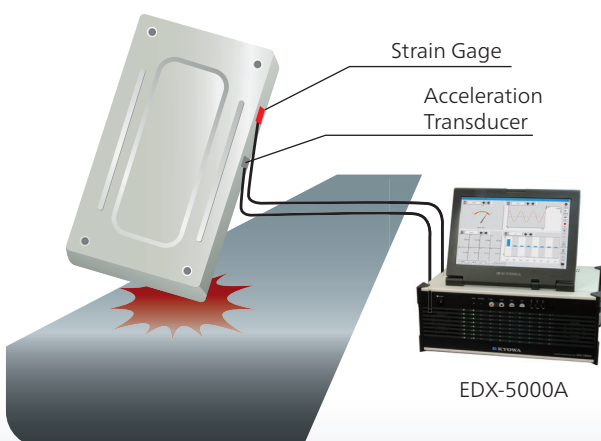


- Displacement Transducers
Measures relative displacements of structures and their absolute displacements from fixed points.



Research facilities

Drop and impact testing of lithium-ion batteries



Attention!

Memory Recorder/Analyzer EDX-5000A

Enables high-speed (maximum of 200 kHz) multichannel measurement, in addition to the simultaneous recording of images.

- **Strain Gage**
The strain gage is a sensor used to detect minimal changes (strains) in mechanical dimensions.
- **Acceleration Transducer**
Measures impacts of up to 1000 G.
- **Memory Recorder/Analyzer**
Enables synchronous recording and reproduction of measurements and image data; compatible with TEDS.



KFGS



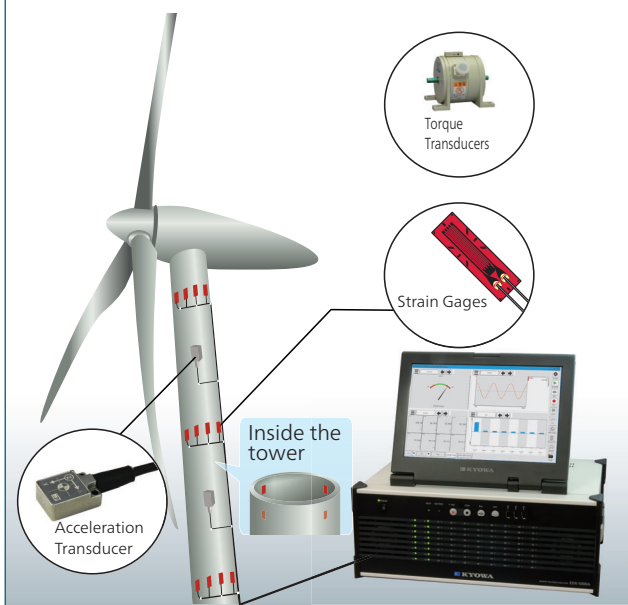
ASH-A



EDX-5000A

Offshore wind power stations

Measurement of wind power generation facilities

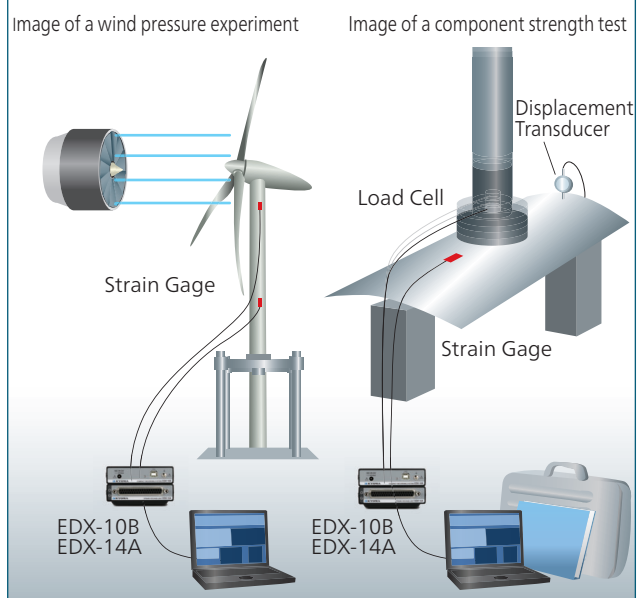


Attention!

Memory Recorder/Analyzer EDX-5000A

Enables a variety of measurements for wind power generation (e.g., member stress, acceleration, torque, and displacement).

Simple measurement of models and parts



● Compact Recording System



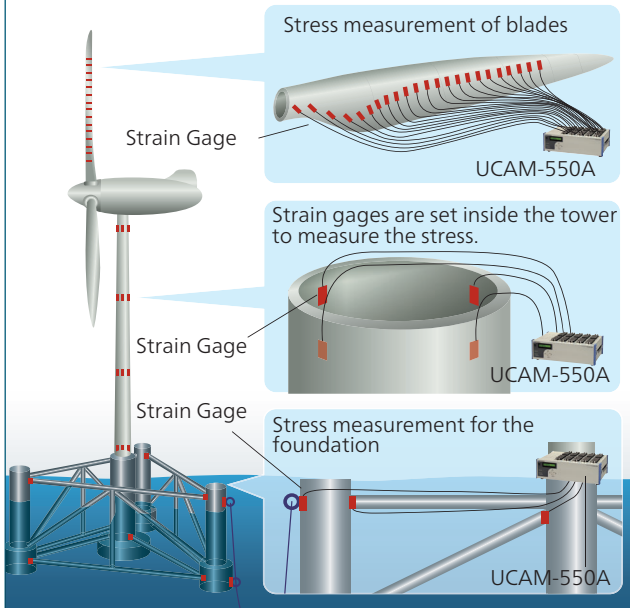
EDX-10 Series

EDX-10B, EDX-14A

- Small and lightweight
- Can be easily carried to the work site.
- Compatible with USB bus power (For up to 4 channels)

Attention!

Multipoint measurement of wind power generators (Foundation, Tower, Blade)



Fast Data Logger



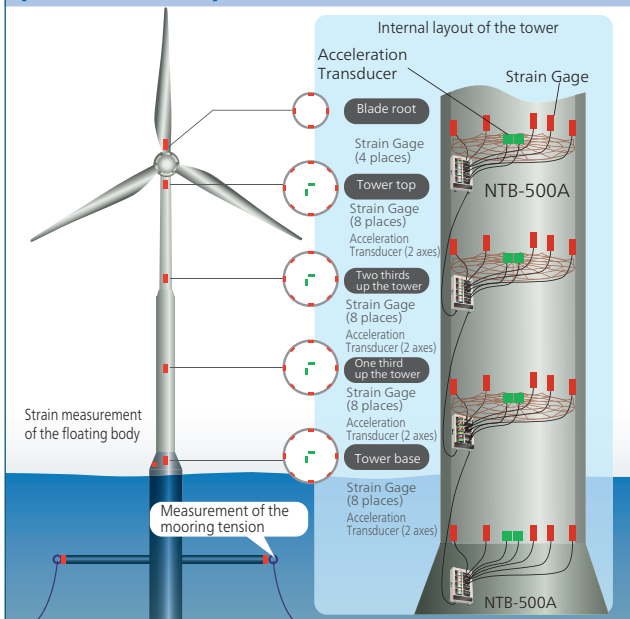
UCAM-550A

Attention!

UCAM-550A

- Simultaneously measures 1000 channels at 50 Hz.
- Can synchronize up to 20 units with just a LAN cable.

Monitoring and measurement of towers (Maintenance)



Medium Speed Network Terminal Box



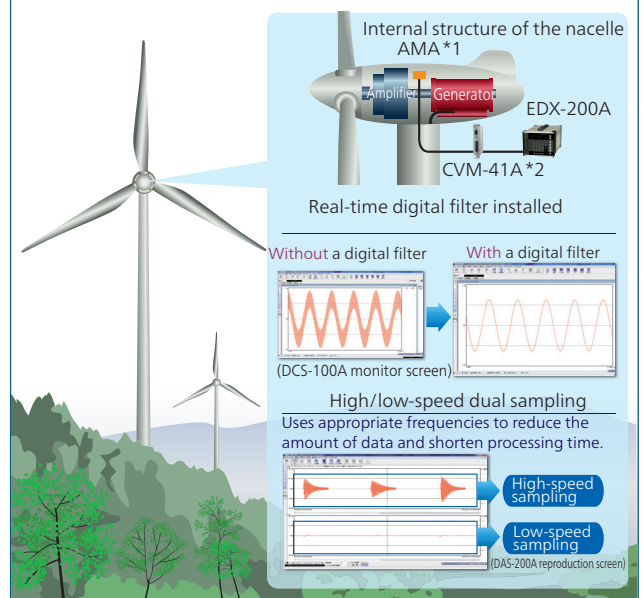
NTB-500A

Attention!

NTB-500A

- Compatible with CAN communication
- Measures all channels synchronously at a maximum of 1 kHz.
- Arrangement is distributed by a single wire (up to 8 units).
- Can handle up to 64 channels. (8 channels per unit)

Vibration measurement of wind power generators (Nacelles)



Universal Recorder



EDX-200A-2H

- *1: Small-sized Triaxial Accelerometer
*2: Strain/Voltage/Acceleration Measurement Card

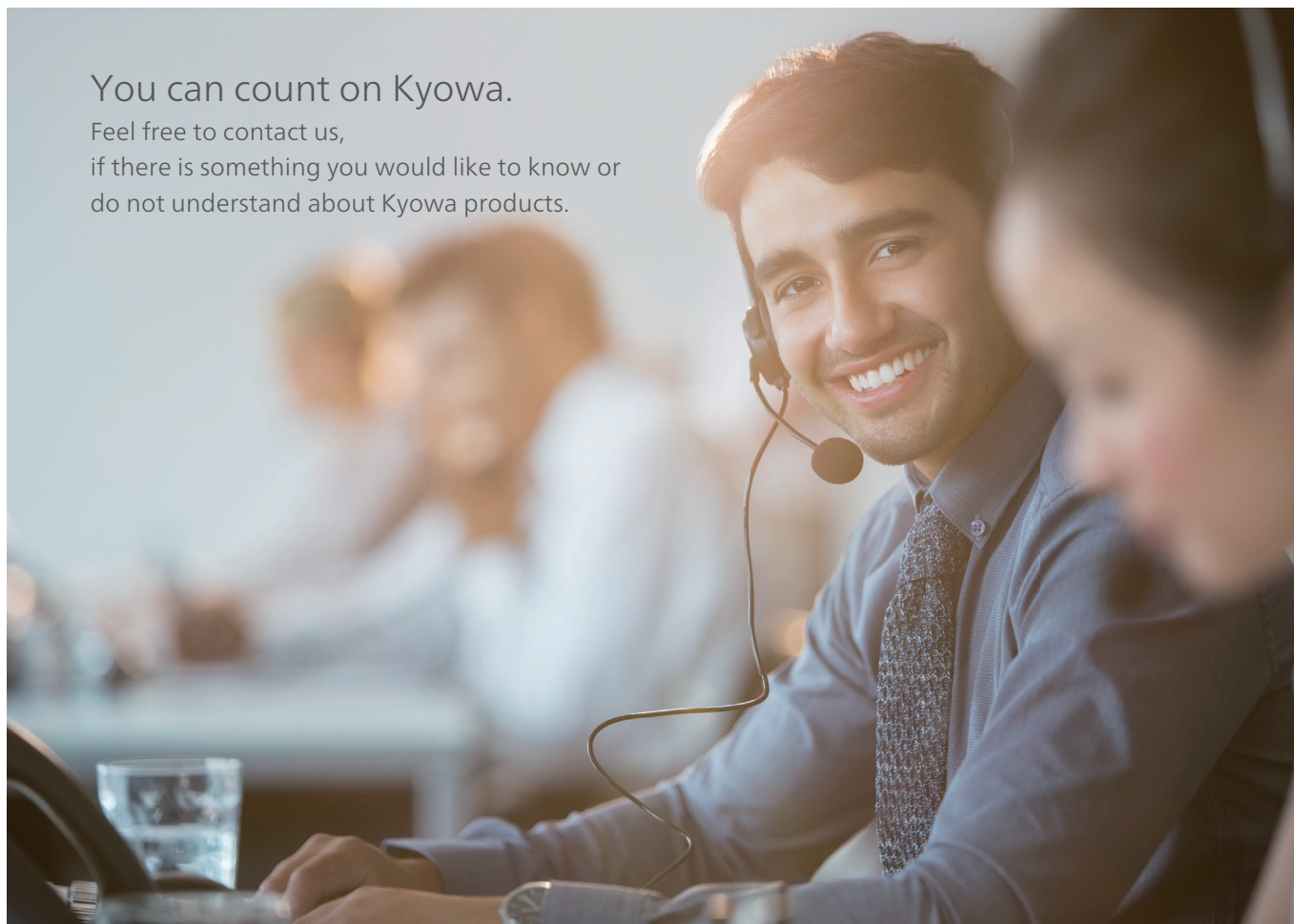
Attention!

EDX-200A

- Enables high/low-speed dual sampling.
- Reduces the amount of data.
- Records only the necessary data.
- Records clear waveforms with 8th-order digital filters.

You can count on Kyowa.

Feel free to contact us,
if there is something you would like to know or
do not understand about Kyowa products.



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Safety Precautions

Be sure to observe the safety precautions given in the instruction manual, in order to ensure correct and safe operation.

• Specifications are subject to change without notice for improvement.



JQA-0821
JQA-EM4824

Manufacturer's Representative