

Various gage patterns!

(Advanced General KFGS series gages)

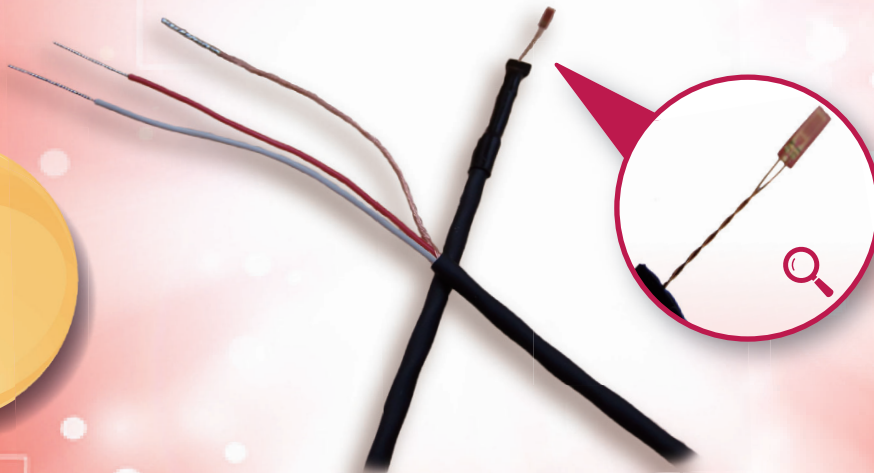
Reduced influence from Magnetic Fields.

*The rate is lower than 1/10
(Compared to Kyowa traditional gage)

Reduced influence from Alternating Current!

*The rate is less than half rate.
(Compare with traditional gages)

Low Cost!



Noise-reducing Type Strain Gages for Motor Testing

The measurement can be performed reliably in electrical or magnetic environment.
Strain measurement can also be implemented around magnetic environment!

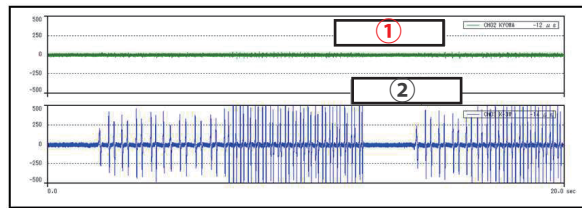


The test result of comparing the traditional shielded gages;

Comparing with vinyl-coated flat wires, the noise influence is reduced to 1/10 in the same magnetic environment.

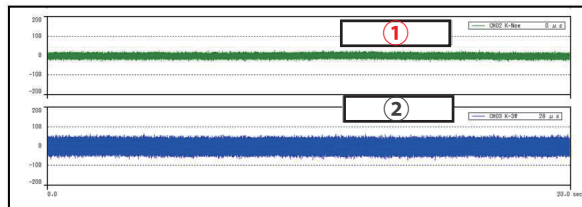
The particular wire is extremely flexible and combined with strong noise-reducing ability.

* The following data is actual measurement data. It is not guaranteed data.



Magnet : 0.55T

Gage	Noise p-p($\mu\epsilon$)
①	95
②	1325

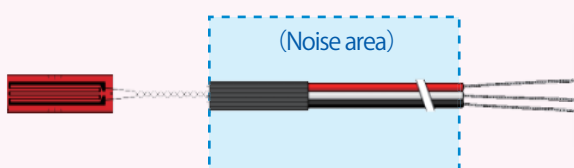


Electric Field AC100V

Gage	Noise p-p($\mu\epsilon$)
①	60
②	139

①Kyowa Noise-reducing type wire
②Kyowa Traditional wire(L-7)

Ex. Measurement System



Bridge Box

EDX-200A-1 Universal Recorder

PC

Move into the future with reliable measurements

 **KYOWA**