

# Study of diagnosis by sound and vibration



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<b>Keywords</b>	Vibration and sound, Acoustic analysis		
<b>Technical Support Skills</b>	<ul style="list-style-type: none"> <li>· Measurement sound and vibration</li> <li>· Active noise control at open of machinery</li> <li>· Sound Quality of machinery ·Active Noise Controll</li> </ul>		

## Research Contents **Sound Quality of machinery, and diagnosis by sound and vibration**

### 【PR and Message】

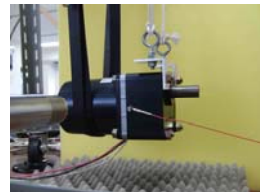
There are acoustic measurement equipment, vibration measurement equipment, facilities of active noise control equipment. If you have any advice on environmental noise and Kaion (Comfortable sound ) of themes related to use acoustic, mechanical equipment, please feel free to contact us.

### 【Seeds introduction】

- Make a measurement of sound and vibration on machinery, and a diagnosis on equipments.
- I do sound quality of the product. Will help to reduce noise and Kaion of the product by the sound quality method.
- We will help the design of passive silencer as well as active noise reduction control device.
- I perform sound source localization by acoustic SI (Sound Intensity) method, the visualization of sound.



Axial flow fan sound design



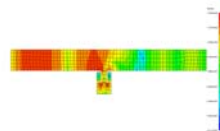
Gear motor sound design



Panel sound absorber device



Acoustic diagnostic device



Numerical acoustic analysis



Active noise control device

## Available Facilities and Equipment

Precision Sound Level meter (Rion, NA-40)	
Vibration meter (RION, VM-20A)	
FFT analyzer (ONO SOKKI, CF-5220)	