

# Trend Monitoring for Battery Manufacturing Equipment

**Detection of abnormal signs to prevent  
unexpected shutdowns**



## Yokogawa's goal for equipment monitoring

Sushi Sensor is a wireless solution for the industrial IoT, monitoring equipment conditions continuously to gain a complete picture of equipment soundness.

### Customer Benefits

- Capturing trend data frequently than operator rounds and overlooking any signs of equipment failure
- Expanding the wireless coverage of equipment monitoring area by LoRaWAN®
- Contributing the efficient equipment maintenance plan

Yokogawa provides the solution to maximize profits and the value of equipment for the whole plant, optimize the cost and advance the availability, uptime, and performance of equipment by the efficiency of monitoring.

# Applicable process by wireless vibration sensor

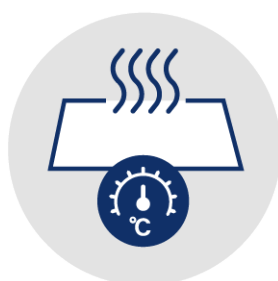
The XS770A is a wireless vibration sensor intended mainly for detecting signs of abnormality in rotating machinery.



Application to Pressing, Slitting, and Assembling in the battery manufacturing process can be used in rotating machines.



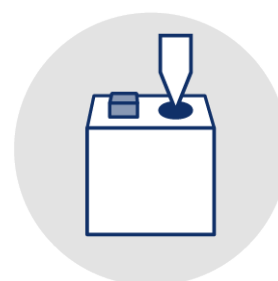
Coating



Drying



Pressing/Slitting/  
Assembling



Filling

## Measurement target

### ► Vibration measurement examples:

Motor, Reducer, Bearing, Expander, Agitator,  
Pump, Centrifuge,  
Conveyor belt, etc.



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