

Reducing contamination risk

Monitoring solution by Omron's digital technology reduces contamination risk and delivers food safety

Ensuring food safety is the most fundamental issue for food manufacturers. Therefore, production equipment maintenance is a critical task for these companies to prevent contamination caused by worn or deteriorated equipment parts. Due to the decrease in skilled workers and labor shortages, risks to food safety are increasing.



Preventing contamination through constant monitoring

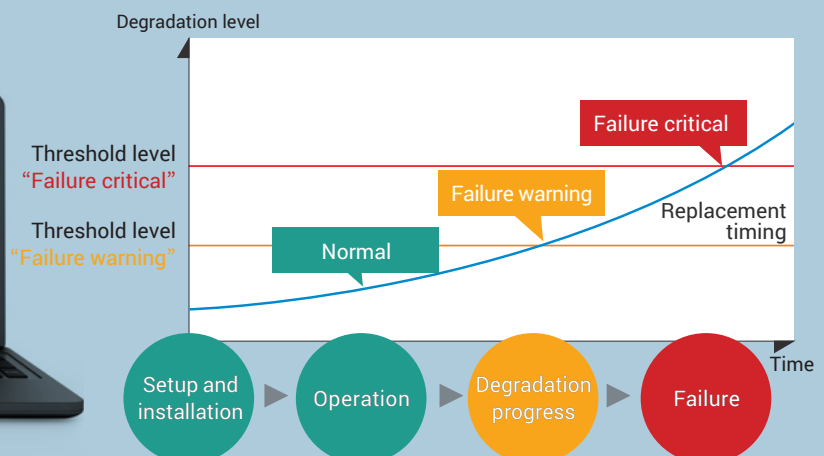
BEFORE

Homogenizers have a packing on the piston, which deteriorates and causes contamination incidents. Signs of deterioration were difficult to detect even for skilled workers, so the equipment had to undergo periodic inspections every 3 to 6 months, and be overhauled once a year.

AFTER

Devices automatically keep track of the degradation tendency, and you can remotely monitor the conditions around the clock. This eliminates the need for periodic inspections, and parts can be replaced in well-planned manner.

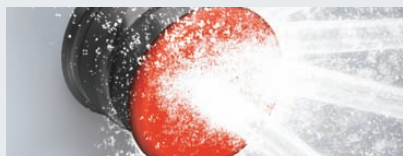
Constant remote monitoring allows for predictive maintenance



Reduce contamination risk by replacing existing devices with our IP69K products

OMRON's waterproof (IP69K) products can withstand high-pressure washing

Withstands high-temperature and high-pressure water without the need of an additional cover, allowing for worry-free installation in sites where cleaning with high-pressure washing machines is performed.



Emergency Stop Pushbutton
A22NE-PD



Proximity Sensor
E2EH



Photoelectric Sensor
E3AS



Round Water-resistant Connector
XS2F-E



Safety Light Curtain
F3SG-SR-K



Note: Please contact us for model details.

OMRON's condition monitoring devices that enable constant monitoring

Motor Condition Monitoring Device

For load abnormality
K6CM-CI



For insulation degradation
K6CM-IS



For bearing wear
K6CM-VB



Motor Condition Monitoring tool

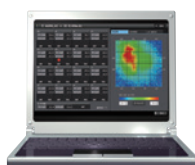


Thermal Condition Monitoring Device

For thermal abnormality
K6PM-TH



Thermal Condition Monitoring tool



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