

**GRUNDFOS  
SERVICE &  
SOLUTIONS**

# UNPARALLELED MACHINE DIAGNOSTICS TO PROTECT YOUR CRITICAL EQUIPMENT

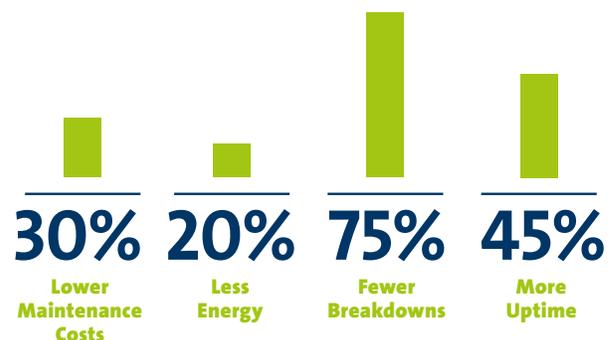
Grundfos brings artificial-intelligence technology to the maintenance world with a next-generation predictive maintenance solution. The platform, Grundfos Condition Monitoring (GCM), listens to your machines, analyzes the data in real time, and provides accurate and actionable diagnostics in-house.

Advanced sensors watch over your most critical assets 24 hours a day, 7 days a week. Our solution will alert you with a detailed malfunction analysis at the very first sign of a developing issue. You'll receive notification of even the slightest changes to a machine's health status with straightforward, actionable insights.

Wireless sensors on your assets will capture vibration, temperature and other data to constantly monitor the state of your equipment. GCM will send you real-time alerts and reports in the event that it detects a malfunction. Customer success representatives and expert vibration analysts are also on hand 24/7 to provide immediate and continuous support.

## OPTIMIZE YOUR PUMPS & SYSTEMS

Our powerful web and mobile platform provides a full set of tools to monitor and manage your predictive maintenance program. Access in-depth insights at the machine level to understand root causes and determine corrective actions. Oversee machine health at the facility level to focus your maintenance attention on the equipment that needs it most. Make informed business decisions with a holistic perspective of your assets across multiple facilities.



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# THE MOST ADVANCED PREDICTIVE MAINTENANCE PLATFORM ON THE MARKET

With the largest database of acoustic machine signatures in the world, Grundfos delivers highly accurate diagnostics for your mechanical equipment. And instead of basic threshold alerts, our machine-learning algorithm leverages anomaly detection, which is unique to GCM.

Anomaly detection represents the most advanced, most predictive method for protecting critical equipment. Other products can send alerts based on thresholds, but this is still reactive maintenance — by the time a threshold is crossed, it is too late to prevent damage.

GCM identifies faults based on what is “normal” for each individual pump or machine. Once there is even the slightest suggestion that something abnormal is occurring, you receive an alert via email, text or phone call.

## GET MORE BENEFITS WITH GRUNDFOS CONDITION MONITORING:

- **Live, accurate and actionable insights to improve your pumps and machines delivered immediately to your web platform, available only from Grundfos**
- **A temperature measurement range of -40°F to 257°F, rather than the smaller range competitors measure of -40°F to 185°F**
- **Advanced sensors that offer earlier and more detailed reporting than any other model**
- **System installation, customization and training included in the quoted price**

Learn how you can reduce maintenance costs and decrease downtime with Grundfos Condition Monitoring.

**CONTACT YOUR GRUNDFOS DISTRIBUTOR OR SALES REPRESENTATIVE FOR MORE INFORMATION.**

General	Grundfos Service Center
<b>Service Centers</b>	<b>Address:</b>  <b>City/State:</b>  <b>Phone:</b>