

# Condition Monitoring Equipment - Global Market Outlook (2017-2026)

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## Abstracts

According to Statistics MRC, the Global Condition Monitoring Equipment Market is accounted for \$1.70 billion in 2017 and is expected to reach \$3.28 billion by 2026 growing at a CAGR of 7.6% during the forecast period. Some of the key factors propelling the market growth are rise in smart factories to protect the expensive machinery against any damage. However, unpredictable maintenance time frame and up gradation of outdated equipment hampering the market growth. Furthermore, rising demand of wind energy, wind turbines are remotely operated and are exposed to harsh and variable weather conditions are growing opportunities for the market.

Condition monitoring is the monitoring process of a set of conditions in machines. It is used to recognize significant change to indicate the fault. This is one of the major components of predictive maintenance. The condition monitoring allows scheduled maintenance and other actions to be taken so as to avoid failure. This equipment is used in rotating equipment and different types of machinery which includes electric motors, pumps, and presses. To identify the problems and preventing problems, machine conditioning equipment is one of the most effective maintenance tools.

Based on sensors and signals, accelerometers segment is projected to be the growing segment mainly attributed to high sensitivity, frequency response and the use of accelerometers in the end use industries such as automotive, consumer electronics, healthcare and aerospace, and defense have further boosted the growth of the market.

By geography, the Asia Pacific provides potential growth opportunities owing to economic growth and a significant rise in industrialization in this region. Additionally, the Japan market is owing to constant growth in adopting factory advanced technologies.

Some of the key players in Condition Monitoring Equipment market include IFM electronic GmbH, Brüel & Kjær Vibro GmbH, Emerson Electric Co, FLIR Systems, Inc, Fluke Corporation, General Electric, Baumer, Bachmann electronic GmbH, Azima DLI Corp., PRÜFTECHNIK Dieter Busch AG., Parker Kittiwake, ALS Ltd., Meggitt PLC, National Instruments, Siemens AG, Schneider Electric, Schaeffler Technologies AG, Parker Hannifin Corporation, Rockwell Automation, Inc., SKF Group, Vibrotech Reliability Services Limited, The IKM Group, and The Emerson Electric Company.

#### Types Covered:

Factory Assurance Test

Online Machine Monitoring

Online Machine Protection

Portable Machine Diagnostics

Route-Based Monitoring

#### Sensors and Signals Covered:

Accelerometers

Proximity Probes

Spectrometer

Tachometers

Temperature Probes

Thermal Camera

#### Technologies Covered:

Vibration Analysis

Ultrasound Testing

Thermography Equipment

Motor Condition Monitoring

Lubricant Analysis

Infrared Thermography

Corrosion monitoring

Other Technologies

#### End Users Covered:

Oil & Gas

Energy & Power

Chemicals

Automotive

Process and Manufacturing

Transportation

Other End Users

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

## Supply chain trends mapping the latest technological advancements

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Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

#### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances.

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