

# **Vibration Monitoring Market by Accelerometers, Proximity Probes, Velocity Sensors, Transmitters, Vibration Analyzers, Vibration Meters, Online Vibration Monitoring, Portable Vibration Monitoring, On-premises, Cloud Software - Global Forecast to 2029**

<https://marketpublishers.com/r/V745E5433BF8EN.html>

Date: September 2024

Pages: 219

Price: US\$ 4,950.00 (Single User License)

ID: V745E5433BF8EN

## **Abstracts**

The global vibration monitoring market size is expected to grow from USD 1.85 billion in 2024 to USD 2.69 billion by 2029, at a CAGR of 7.8% from 2024 to 2029. The rising interest in cloud platforms and their adoption offer enterprises new business capabilities and opportunities. Currently, enterprises require advanced machines equipped with advanced maintenance technologies to avoid any reduction or interruption in production. These enterprises also require monitoring the health of manufacturing equipment in real-time, thereby leading to the employment of diagnostic technologies for machine tools.

'Chemical segment is projected to grow at an impressive CAGR during the forecast period.'

Chemical processing plants have machines that are vulnerable to failure and unplanned downtime, with the added risk of harmful impact on the environment. Several types of process equipment are used in chemical plants, including boilers, turbines, motors, conveyors, dryers, evaporators, feeders, filters, generators, heat exchangers, mixers, packaging equipment, pumps, reactors, tanks, and valves. A prolonged process interruption can lead to production losses. Most equipment in the chemical processing industry have standard couplings, gearboxes, and rolling element bearings. Thus, the implementation of appropriate protection, prediction, and performance monitoring

systems is essential for the profitability of chemical manufacturing plants. Vibration monitoring systems and solutions are used in chemical plants to monitor various chemical processes.

'The market in Europe is expected to hold significant market share during the forecast period.'

Germany is one of the key countries in Europe. The country has a strong automotive manufacturing base. The Government of Germany has undertaken an ambitious Industry 4.0 project to computerize its process industries to increase resource efficiency and industrial output. The technological base for this project is cyber-physical systems, cloud computing, and the Internet of Things. Its goal is to increase digitalization through smart factories and IoT. The increasing use of intelligent sensing technologies and Industry 4.0 has significantly enhanced the condition monitoring processes in Germany. Industry 4.0 helps to digitize industrial processes and improve plant efficiency.

Breakdown of the profiles of primary participants:

By Company Type: Tier 1 - 40%, Tier 2 - 35%, and Tier 3 - 25%

By Designation: C-level Executives - 45%, Directors - 35%, and Others - 20%

By Region: North America - 40%, Europe - 30%, Asia Pacific - 20%, and RoW – 10%

Major players profiled in this report are as follows: Baker Hughes Company (US), Honeywell International Inc (US), Emerson Electric Co. (US), SKF (Sweden), Schaeffler AG (Germany), Parker Hannifin Corp (US), Rockwell Automation (US), Analog Devices, Inc. (US), ALS (Australia), Teledyne FLIR LLC (US), and Others.

## Research Coverage

The vibration monitoring market has been classified by offering, monitoring process, deployment type, system type, industry, and region. The market by offering has been classified into hardware, software, and services. The monitoring process segment is divided into online and portable. The system type segment is divided into on-premises and cloud. The deployment type segment is divided into on-premises and cloud. The market has been divided into oil & gas, power generation, mining & metals, chemicals,

automotive, aerospace, food & beverages, other industries by industry segment. The study also forecasts the market size in four key regions—North America, Europe, Asia Pacific, and RoW.

#### Key Benefits of Buying the Report:

The report provides insights on the following pointers:

Analysis of key drivers ( Rising adoption of wireless communication technology to avoid unplanned shutdowns, Growing use of cloud computing platforms to monitor industrial equipment health, Rising predictive maintenance need in industrial area, Rising development of smart manufacturing to drive vibration monitoring adoption, Benefits associated with vibration monitoring systems), restraints (lack of trust issues associated in prediction capabilities of vibration monitoring systems, Lack of availability of trained resources for data analysis), opportunities (Rising interest towards big data analytics and machine learning, Rising collaborations and partnerships among different market players, Rising interest toward Industrial Internet of Things (IIoT)), and challenges (Unavailability of expertise at remote locations, Additional expenses associated with retrofitting existing systems, System integration issues), influencing the growth of the vibration monitoring market.

**Product Development/Innovation:** Detailed insights on new products, technologies, research & development activities, funding activities, industry partnerships, and new product launches in the vibration monitoring market.

**Market Development:** Comprehensive information about lucrative markets – the report analyses the vibration monitoring market across regions such as North America, Europe, Asia Pacific, and RoW.

**Market Diversification:** Exhaustive information about new products & technologies, untapped geographies, recent developments, and investments in the vibration monitoring market.

**Competitive Assessment:** In-depth assessment of market position, growth strategies, and product offerings of leading players like Baker Hughes Company (US), Emerson Electric Co. (US), SKF (Sweden), Schaeffler AG (Germany), Parker Hannifin Corp (US), and among others in the vibration monitoring market.

Strategies: The report also helps stakeholders understand the pulse of the vibration monitoring market and provides information on key market drivers, restraints, challenges, and opportunities.

## Contents

### 1 INTRODUCTION

#### 1.1 STUDY OBJECTIVES

#### 1.2 MARKET DEFINITION

#### 1.3 STUDY SCOPE

##### 1.3.1 MARKETS COVERED AND REGIONAL SCOPE

##### 1.3.2 INCLUSIONS AND EXCLUSIONS

##### 1.3.3 YEARS CONSIDERED

#### 1.4 CURRENCY CONSIDERED

#### 1.5 UNIT CONSIDERED

#### 1.6 STAKEHOLDERS

#### 1.7 SUMMARY OF CHANGES

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

##### 2.1.1 SECONDARY AND PRIMARY RESEARCH

##### 2.1.2 SECONDARY DATA

###### 2.1.2.1 List of key secondary sources

###### 2.1.2.2 Key data from secondary sources

##### 2.1.3 PRIMARY DATA

###### 2.1.3.1 List of primary interview participants

###### 2.1.3.2 Key data from primary sources

###### 2.1.3.3 Key industry insights

###### 2.1.3.4 Breakdown of primaries

#### 2.2 MARKET SIZE ESTIMATION METHODOLOGY

##### 2.2.1 TOP-DOWN APPROACH

2.2.1.1 Approach to arrive at market size using top-down analysis  
(supply side)

##### 2.2.2 BOTTOM-UP APPROACH

2.2.2.1 Approach to arrive at market size using bottom-up analysis  
(demand side)

#### 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION

#### 2.4 RESEARCH ASSUMPTIONS

#### 2.5 RESEARCH LIMITATIONS

#### 2.6 RISK ANALYSIS

### **3 EXECUTIVE SUMMARY**

### **4 PREMIUM INSIGHTS**

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN VIBRATION MONITORING MARKET

4.2 VIBRATION MONITORING MARKET, BY OFFERING

4.3 VIBRATION MONITORING MARKET, BY INDUSTRY

4.4 VIBRATION MONITORING MARKET IN NORTH AMERICA, BY INDUSTRY AND COUNTRY

4.5 VIBRATION MONITORING MARKET, BY COUNTRY

### **5 MARKET OVERVIEW**

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Rising adoption of wireless communication technology to optimize operational efficiency

5.2.1.2 Growing use of cloud computing platforms to monitor industrial equipment health

5.2.1.3 Rapid transition from preventive to predictive maintenance approach

5.2.1.4 Surging adoption of automation and smart manufacturing techniques

5.2.1.5 Increasing awareness regarding benefits of vibration monitoring systems

5.2.2 RESTRAINTS

5.2.2.1 Trust issues related to prediction capabilities of vibration monitoring systems

5.2.2.2 Shortage of trained resources

5.2.3 OPPORTUNITIES

5.2.3.1 Increasing use of big data analytics and machine learning technologies

5.2.3.2 Rising focus of established players on collaborations and partnerships with technology and software solution providers

5.2.4 CHALLENGES

5.2.4.1 Additional expenses associated with retrofitting existing systems

5.2.4.2 System integration issues

5.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS

5.4 PRICING ANALYSIS

5.4.1 AVERAGE SELLING PRICE TREND OF VIBRATION MONITORING HARDWARE

5.4.2 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY HARDWARE

- 5.4.3 AVERAGE SELLING PRICE TREND OF VIBRATION MONITORING HARDWARE, BY REGION
- 5.5 VALUE CHAIN ANALYSIS
- 5.6 ECOSYSTEM ANALYSIS
- 5.7 INVESTMENT AND FUNDING SCENARIO
- 5.8 TECHNOLOGY ANALYSIS
  - 5.8.1 KEY TECHNOLOGIES
    - 5.8.1.1 IoT
  - 5.8.2 COMPLEMENTARY TECHNOLOGIES
    - 5.8.2.1 Cloud computing
  - 5.8.3 ADJACENT TECHNOLOGIES
    - 5.8.3.1 AI
- 5.9 PATENT ANALYSIS
- 5.10 TRADE ANALYSIS
  - 5.10.1 IMPORT SCENARIO (HS CODE 903190)
  - 5.10.2 EXPORT SCENARIO (HS CODE 903190)
- 5.11 KEY CONFERENCES AND EVENTS, 2024–2025
- 5.12 CASE STUDY ANALYSIS
  - 5.12.1 STEEL ROLLING MILL DEPLOYED ONLINE VIBRATION MONITORING SYSTEM TO PREVENT BEARING FAILURE
  - 5.12.2 EMERSON ELECTRIC INSTALLED VIBRATION TRANSMITTER IN BARKING POWER STATION TO REDUCE PLANT DOWNTIME
  - 5.12.3 TWI DEVELOPED ADVANCED CONDITION MONITORING SYSTEM TO IMPROVE WIND TURBINE MACHINERY RELIABILITY
- 5.13 REGULATORY LANDSCAPE
  - 5.13.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
  - 5.13.2 STANDARDS
- 5.14 PORTER'S FIVE FORCES ANALYSIS
  - 5.14.1 BARGAINING POWER OF SUPPLIERS
  - 5.14.2 BARGAINING POWER OF BUYERS
  - 5.14.3 THREAT OF NEW ENTRANTS
  - 5.14.4 THREAT OF SUBSTITUTES
  - 5.14.5 INTENSITY OF COMPETITIVE RIVALRY
- 5.15 KEY STAKEHOLDERS AND BUYING CRITERIA
  - 5.15.1 KEY STAKEHOLDERS IN BUYING PROCESS
  - 5.15.2 BUYING CRITERIA
- 5.16 IMPACT OF AI/GEN AI ON VIBRATION MONITORING MARKET

#### 5.16.1 INTRODUCTION

#### 5.16.2 VIBRATION MONITORING MARKET POTENTIAL IN KEY INDUSTRIES

##### 5.16.2.1 Oil & gas

##### 5.16.2.2 Power generation

#### 5.16.3 AI USE CASES IN VIBRATION MONITORING

#### 5.16.4 KEY COMPANIES IMPLEMENTING/ADAPTING AI

#### 5.16.5 FUTURE OF GENERATIVE AI IN VIBRATION MONITORING ECOSYSTEM

### 6 APPLICATIONS OF VIBRATION MONITORING SYSTEMS

#### 6.1 INTRODUCTION

#### 6.2 PUMPS

#### 6.3 MOTORS

#### 6.4 CHILLERS

#### 6.5 FANS

#### 6.6 COMPRESSORS

#### 6.7 TURBINES

#### 6.8 BEARINGS

#### 6.9 OTHER APPLICATIONS

### 7 VIBRATION MONITORING MARKET, BY OFFERING

#### 7.1 INTRODUCTION

#### 7.2 HARDWARE

##### 7.2.1 VIBRATION ANALYZERS

###### 7.2.1.1 Portability and handheld features to drive adoption

##### 7.2.2 VIBRATION METERS

###### 7.2.2.1 Simplicity and convenience features to boost deployment

##### 7.2.3 ACCELEROMETERS

7.2.3.1 Capacitive sensing ability and need to detect source of vibration to fuel segmental growth

##### 7.2.4 PROXIMITY PROBES

7.2.4.1 Requirement to measure displacements of physical devices to foster segmental growth

##### 7.2.5 VELOCITY SENSORS

###### 7.2.5.1 Ability to record low- and medium-frequency measurements to boost demand

##### 7.2.6 VIBRATION TRANSMITTERS

7.2.6.1 Need to gather vibration-related information in hard-to-reach locations to spike demand



## 7.2.7 OTHER HARDWARE TYPES

## 7.3 SOFTWARE

### 7.3.1 ON-PREMISES

7.3.1.1 Rising adoption by SMEs for simplified data management to support segmental growth

### 7.3.2 CLOUD-BASED

7.3.2.1 Lower initial investment to accelerate adoption

## 7.4 SERVICES

7.4.1 TRAINING AND SUPPORT SERVICES TO CONTRIBUTE MOST TO SEGMENTAL GROWTH

## **8 VIBRATION MONITORING MARKET, BY SYSTEM TYPE**

### 8.1 INTRODUCTION

### 8.2 ONLINE

8.2.1 NEED FOR REAL-TIME MACHINERY HEALTH INFORMATION TO CONTRIBUTE TO MARKET GROWTH

### 8.3 PORTABLE

8.3.1 EMERGENCE OF LOW-COST PORTABLE VIBRATION MONITORING SOLUTIONS TO DRIVE MARKET

## **9 VIBRATION MONITORING MARKET, BY INDUSTRY**

### 9.1 INTRODUCTION

### 9.2 OIL & GAS

9.2.1 STRONG FOCUS ON REDUCING UNPLANNED OUTAGES IN OIL & GAS PLANTS TO DRIVE ADOPTION

### 9.3 POWER GENERATION

9.3.1 RAPID TRANSITIONING TO RENEWABLE ENERGY SOURCES TO CREATE OPPORTUNITIES

### 9.4 METALS & MINING

9.4.1 RISING DEMAND FOR REMOTE DIAGNOSTICS OF PORTABLE AND FIXED MINING ASSETS TO SUPPORT MARKET GROWTH

### 9.5 CHEMICALS

9.5.1 SIGNIFICANT FOCUS ON INCREASING PLANT PROFITABILITY AND REDUCING OPERATING COSTS TO FUEL MARKET GROWTH

### 9.6 AUTOMOTIVE

9.6.1 GROWING ADOPTION OF IIOT AND DIGITAL TECHNOLOGIES TO FOSTER MARKET GROWTH

## 9.7 AEROSPACE

9.7.1 SURGING DEPLOYMENT OF SMART FACTORY SOLUTIONS AND ONLINE VIBRATION MONITORING TO ACCELERATE DEMAND

## 9.8 FOOD & BEVERAGES

9.8.1 ELEVATING NEED TO MAINTAIN OPTIMAL EQUIPMENT CONDITION AND ENSURE QUALITY STANDARDS TO DRIVE MARKET

## 9.9 OTHER INDUSTRIES

# 10 VIBRATION MONITORING MARKET, BY REGION

## 10.1 INTRODUCTION

## 10.2 NORTH AMERICA

10.2.1 MACROECONOMIC OUTLOOK FOR NORTH AMERICA

### 10.2.2 US

10.2.2.1 Rising use of Industry 4.0 and smart manufacturing to drive market

### 10.2.3 CANADA

10.2.3.1 Thriving oil & gas and aerospace industries to support market growth

### 10.2.4 MEXICO

10.2.4.1 Increasing adoption of automation in industrial plants to fuel market growth

## 10.3 EUROPE

10.3.1 MACROECONOMIC OUTLOOK FOR EUROPE

### 10.3.2 GERMANY

10.3.2.1 Rising adoption of digitalization to accelerate market growth

### 10.3.3 UK

10.3.3.1 Inclination toward smart manufacturing to contribute to market growth

### 10.3.4 FRANCE

10.3.4.1 Elevating use of automation to foster demand

### 10.3.5 ITALY

10.3.5.1 Increasing industrial safety concerns to drive adoption

### 10.3.6 SPAIN

10.3.6.1 Considerable focus on workplace safety and environmental sustainability to fuel demand

### 10.3.7 REST OF EUROPE

## 10.4 ASIA PACIFIC

10.4.1 MACROECONOMIC OUTLOOK FOR ASIA PACIFIC

### 10.4.2 CHINA

10.4.2.1 Increasing labor costs to boost adoption

### 10.4.3 JAPAN

10.4.3.1 Growing use of automation in automotive industry to fuel market growth

#### 10.4.4 INDIA

10.4.4.1 Make in India initiative to support market growth

#### 10.4.5 SOUTH KOREA

10.4.5.1 Growing deployment of robotics in manufacturing plants to drive market

#### 10.4.6 SINGAPORE

10.4.6.1 Surging focus of manufacturers on improving operational efficiency and reducing plant downtime to drive market

#### 10.4.7 MALAYSIA

10.4.7.1 Manufacturing and oil & gas industries to contribute to market growth

#### 10.4.8 REST OF ASIA PACIFIC

### 10.5 ROW

#### 10.5.1 MACROECONOMIC OUTLOOK FOR ROW

#### 10.5.2 MIDDLE EAST

10.5.2.1 Booming oil & gas industry to drive market

10.5.2.2 GCC countries

10.5.2.3 Rest of Middle East

#### 10.5.3 SOUTH AMERICA

10.5.3.1 Increasing investment in industrial infrastructure development to fuel market growth

#### 10.5.4 AFRICA

10.5.4.1 Growing adoption of predictive maintenance approach to ensure uninterrupted operations to boost demand

## 11 COMPETITIVE LANDSCAPE

### 11.1 INTRODUCTION

### 11.2 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2020–2024

### 11.3 REVENUE ANALYSIS, 2019–2023

### 11.4 MARKET SHARE ANALYSIS, 2023

### 11.5 COMPANY VALUATION AND FINANCIAL METRICS

### 11.6 BRAND/PRODUCT COMPARISON

### 11.7 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023

#### 11.7.1 STARS

#### 11.7.2 EMERGING LEADERS

#### 11.7.3 PERVASIVE PLAYERS

#### 11.7.4 PARTICIPANTS

#### 11.7.5 COMPANY FOOTPRINT: KEY PLAYERS, 2023

11.7.5.1 Company footprint

11.7.5.2 Industry footprint

11.7.5.3 Offering footprint

11.7.5.4 System type footprint

11.7.5.5 Region footprint

## 11.8 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023

11.8.1 PROGRESSIVE COMPANIES

11.8.2 RESPONSIVE COMPANIES

11.8.3 DYNAMIC COMPANIES

11.8.4 STARTING BLOCKS

11.8.5 COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2023

11.8.5.1 Detailed list of key startups/SMEs

11.8.5.2 Competitive benchmarking of key startups/SMEs

## 11.9 COMPETITIVE SCENARIO

11.9.1 PRODUCT LAUNCHES

11.9.2 DEALS

## 12 COMPANY PROFILES

### 12.1 KEY PLAYERS

12.1.1 BAKER HUGHES COMPANY

12.1.1.1 Business overview

12.1.1.2 Products/Solutions/Services offered

12.1.1.3 Recent developments

12.1.1.3.1 Deals

12.1.1.4 MnM view

12.1.1.4.1 Key strengths/Right to win

12.1.1.4.2 Strategic choices

12.1.1.4.3 Weaknesses/Competitive threats

12.1.2 EMERSON ELECTRIC CO.

12.1.2.1 Business overview

12.1.2.2 Products/Solutions/Services offered

12.1.2.3 Recent developments

12.1.2.3.1 Product launches

12.1.2.4 MnM view

12.1.2.4.1 Key strengths/Right to win

12.1.2.4.2 Strategic choices

12.1.2.4.3 Weaknesses/Competitive threats

12.1.3 SKF

12.1.3.1 Business overview

12.1.3.2 Products/Solutions/Services offered

- 12.1.3.3 Recent developments
  - 12.1.3.3.1 Product launches
  - 12.1.3.3.2 Deals
- 12.1.3.4 MnM view
  - 12.1.3.4.1 Key strengths/Right to win
  - 12.1.3.4.2 Strategic choices
  - 12.1.3.4.3 Weaknesses/Competitive threats
- 12.1.4 SCHAEFFLER AG
  - 12.1.4.1 Business overview
  - 12.1.4.2 Products/Solutions/Services offered
  - 12.1.4.3 Recent developments
    - 12.1.4.3.1 Product launches
  - 12.1.4.4 MnM view
    - 12.1.4.4.1 Key strengths/Right to win
    - 12.1.4.4.2 Strategic choices
    - 12.1.4.4.3 Weaknesses/Competitive threats
- 12.1.5 PARKER HANNIFIN CORP
  - 12.1.5.1 Business overview
  - 12.1.5.2 Products/Solutions/Services offered
  - 12.1.5.3 MnM view
    - 12.1.5.3.1 Key strengths/Right to win
    - 12.1.5.3.2 Strategic choices
    - 12.1.5.3.3 Weaknesses/Competitive threats
- 12.1.6 HONEYWELL INTERNATIONAL INC.
  - 12.1.6.1 Business overview
  - 12.1.6.2 Products/Solutions/Services offered
- 12.1.7 ROCKWELL AUTOMATION
  - 12.1.7.1 Business overview
  - 12.1.7.2 Products/Solutions/Services offered
  - 12.1.7.3 Recent developments
    - 12.1.7.3.1 Deals
- 12.1.8 ANALOG DEVICES, INC.
  - 12.1.8.1 Business overview
  - 12.1.8.2 Products/Solutions/Services offered
- 12.1.9 ALS
  - 12.1.9.1 Business overview
  - 12.1.9.2 Products/Solutions/Services offered
- 12.1.10 TELEDYNE FLIR LLC
  - 12.1.10.1 Business overview

12.1.10.2 Products/Solutions/Services offered

## 12.2 OTHER PLAYERS

12.2.1 IFM ELECTRONIC GMBH

12.2.2 FLUKE CORPORATION

12.2.3 PCB PIEZOTRONICS, INC.

12.2.4 SPM INSTRUMENT AB

12.2.5 ADASH

12.2.6 BRÜEL & KJØR VIBRO GMBH

12.2.7 ANHUI RONGS SCIENCE & TECHNOLOGY INCORPORATED COMPANY

12.2.8 ERBESSD INSTRUMENTS

12.2.9 ISTECH INTERNATIONAL

12.2.10 PETASENSE INC.

12.2.11 MACHINE SAVER

12.2.12 KCF

12.2.13 STI VIBRATION MONITORING INC.

12.2.14 HANSFORD SENSORS

12.2.15 MONITRAN

## 13 ADJACENT AND RELEVANT MARKETS

### 13.1 INTRODUCTION

### 13.2 TEST AND MEASUREMENT EQUIPMENT MARKET, BY REGION

### 13.3 NORTH AMERICA

#### 13.3.1 US

13.3.1.1 Rising adoption by IT & telecom and aerospace & defense companies to fuel market growth

#### 13.3.2 CANADA

13.3.2.1 Extensive manufacturing base to create opportunities

#### 13.3.3 MEXICO

13.3.3.1 Escalating demand for automobiles and electronic products to drive market

## 14 APPENDIX

### 14.1 INSIGHTS FROM INDUSTRY EXPERTS

### 14.2 DISCUSSION GUIDE

### 14.3 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

### 14.4 CUSTOMIZATION OPTIONS

### 14.5 RELATED REPORTS

### 14.6 AUTHOR DETAILS

TABLE 1 VIBRATION MONITORING MARKET: RISK ANALYSIS
TABLE 2 INDICATIVE PRICING TREND OF VIBRATION MONITORING HARDWARE OFFERED BY MAJOR PLAYERS, 2020–2023 (USD)
TABLE 3 INDICATIVE PRICING TREND OF VIBRATION MONITORING HARDWARE OFFERINGS, 2023 (USD)
TABLE 4 ROLE OF COMPANIES IN ECOSYSTEM
TABLE 5 LIST OF PATENTS, 2021–2024
TABLE 6 IMPORT SCENARIO FOR HS CODE 903190-COMPLIANT PRODUCTS, BY COUNTRY, 2019–2023 (USD MILLION)
TABLE 7 EXPORT SCENARIO FOR HS CODE 903190-COMPLIANT PRODUCTS, BY COUNTRY, 2019–2023 (USD MILLION)
TABLE 8 KEY CONFERENCES AND EVENTS, 2024–2025
TABLE 9 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
TABLE 10 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
TABLE 11 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
TABLE 12 ROW: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
TABLE 13 VIBRATION MONITORING MARKET: STANDARDS
TABLE 14 PORTER’S FIVE FORCES ANALYSIS
TABLE 15 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP 3 INDUSTRIES
TABLE 16 KEY BUYING CRITERIA FOR TOP 3 INDUSTRIES
TABLE 17 VIBRATION MONITORING MARKET, BY OFFERING, 2020–2023 (USD MILLION)
TABLE 18 VIBRATION MONITORING MARKET, BY OFFERING, 2024–2029 (USD MILLION)
TABLE 19 HARDWARE: VIBRATION MONITORING MARKET, BY TYPE, 2020–2023 (USD MILLION)
TABLE 20 HARDWARE: VIBRATION MONITORING MARKET, BY TYPE, 2024–2029 (USD MILLION)
TABLE 21 VIBRATION MONITORING MARKET, BY TYPE, 2020–2023 (MILLION UNITS)
TABLE 22 VIBRATION MONITORING MARKET, BY TYPE, 2024–2029 (MILLION

UNITS)

TABLE 23 HARDWARE: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2020–2023 (USD MILLION)

TABLE 24 HARDWARE: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2024–2029 (USD MILLION)

TABLE 25 SOFTWARE: VIBRATION MONITORING MARKET,  
BY DEPLOYMENT TYPE, 2020–2023 (USD MILLION)

TABLE 26 SOFTWARE: VIBRATION MONITORING MARKET,  
BY DEPLOYMENT TYPE, 2024–2029 (USD MILLION)

TABLE 27 SOFTWARE: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2020–2023 (USD MILLION)

TABLE 28 SOFTWARE: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2024–2029 (USD MILLION)

TABLE 29 SERVICES: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2020–2023 (USD MILLION)

TABLE 30 SERVICES: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2024–2029 (USD MILLION)

TABLE 31 VIBRATION MONITORING MARKET, BY SYSTEM TYPE, 2020–2023 (USD  
MILLION)

TABLE 32 VIBRATION MONITORING MARKET, BY SYSTEM TYPE, 2024–2029 (USD  
MILLION)

TABLE 33 ONLINE: VIBRATION MONITORING MARKET, BY INDUSTRY,

### **2020–2023 (USD MILLION)**

TABLE 34 ONLINE: VIBRATION MONITORING MARKET, BY INDUSTRY,

### **2024–2029 (USD MILLION)**

TABLE 35 PORTABLE: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2020–2023 (USD MILLION)

TABLE 36 PORTABLE: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2024–2029 (USD MILLION)

TABLE 37 VIBRATION MONITORING MARKET, BY INDUSTRY, 2020–2023 (USD  
MILLION)

TABLE 38 VIBRATION MONITORING MARKET, BY INDUSTRY, 2024–2029 (USD  
MILLION)

TABLE 39 OIL & GAS: VIBRATION MONITORING MARKET,  
BY OFFERING, 2020–2023 (USD MILLION)



TABLE 40 OIL & GAS: VIBRATION MONITORING MARKET,  
BY OFFERING, 2024–2029 (USD MILLION)

TABLE 41 OIL & GAS: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2020–2023 (USD MILLION)

TABLE 42 OIL & GAS: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2024–2029 (USD MILLION)

TABLE 43 OIL & GAS: VIBRATION MONITORING MARKET,  
BY REGION, 2020–2023 (USD MILLION)

TABLE 44 OIL & GAS: VIBRATION MONITORING MARKET,  
BY REGION, 2024–2029 (USD MILLION)

TABLE 45 POWER GENERATION: VIBRATION MONITORING MARKET,  
BY OFFERING, 2020–2023 (USD MILLION)

TABLE 46 POWER GENERATION: VIBRATION MONITORING MARKET,  
BY OFFERING, 2024–2029 (USD MILLION)

TABLE 47 POWER GENERATION: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2020–2023 (USD MILLION)

TABLE 48 POWER GENERATION: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2024–2029 (USD MILLION)

TABLE 49 POWER GENERATION: VIBRATION MONITORING MARKET,  
BY REGION, 2020–2023 (USD MILLION)

TABLE 50 POWER GENERATION: VIBRATION MONITORING MARKET,  
BY REGION, 2024–2029 (USD MILLION)

TABLE 51 METALS & MINING: VIBRATION MONITORING MARKET,  
BY OFFERING, 2020–2023 (USD MILLION)

TABLE 52 METALS & MINING: VIBRATION MONITORING MARKET,  
BY OFFERING, 2024–2029 (USD MILLION)

TABLE 53 METALS & MINING: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2020–2023 (USD MILLION)

TABLE 54 METALS & MINING: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2024–2029 (USD MILLION)

TABLE 55 METALS & MINING: VIBRATION MONITORING MARKET,  
BY REGION, 2020–2023 (USD MILLION)

TABLE 56 METALS & MINING: VIBRATION MONITORING MARKET,  
BY REGION, 2024–2029 (USD MILLION)

TABLE 57 CHEMICALS: VIBRATION MONITORING MARKET,  
BY OFFERING, 2020–2023 (USD MILLION)

TABLE 58 CHEMICALS: VIBRATION MONITORING MARKET,  
BY OFFERING, 2024–2029 (USD MILLION)

TABLE 59 CHEMICALS: VIBRATION MONITORING MARKET,

BY SYSTEM TYPE, 2020–2023 (USD MILLION)

TABLE 60 CHEMICALS: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2024–2029 (USD MILLION)

TABLE 61 CHEMICALS: VIBRATION MONITORING MARKET,  
BY REGION, 2020–2023 (USD MILLION)

TABLE 62 CHEMICALS: VIBRATION MONITORING MARKET,  
BY REGION, 2024–2029 (USD MILLION)

TABLE 63 AUTOMOTIVE: VIBRATION MONITORING MARKET,  
BY OFFERING, 2020–2023 (USD MILLION)

TABLE 64 AUTOMOTIVE: VIBRATION MONITORING MARKET,  
BY OFFERING, 2024–2029 (USD MILLION)

TABLE 65 AUTOMOTIVE: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2020–2023 (USD MILLION)

TABLE 66 AUTOMOTIVE: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2024–2029 (USD MILLION)

TABLE 67 AUTOMOTIVE: VIBRATION MONITORING MARKET,  
BY REGION, 2020–2023 (USD MILLION)

TABLE 68 AUTOMOTIVE: VIBRATION MONITORING MARKET,  
BY REGION, 2024–2029 (USD MILLION)

TABLE 69 AEROSPACE: VIBRATION MONITORING MARKET,  
BY OFFERING, 2020–2023 (USD MILLION)

TABLE 70 AEROSPACE: VIBRATION MONITORING MARKET,  
BY OFFERING, 2024–2029 (USD MILLION)

TABLE 71 AEROSPACE: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2020–2023 (USD MILLION)

TABLE 72 AEROSPACE: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2024–2029 (USD MILLION)

TABLE 73 AEROSPACE: VIBRATION MONITORING MARKET,  
BY REGION, 2020–2023 (USD MILLION)

TABLE 74 AEROSPACE: VIBRATION MONITORING MARKET,  
BY REGION, 2024–2029 (USD MILLION)

TABLE 75 FOOD & BEVERAGES: VIBRATION MONITORING MARKET,  
BY OFFERING, 2020–2023 (USD MILLION)

TABLE 76 FOOD & BEVERAGES: VIBRATION MONITORING MARKET,  
BY OFFERING, 2024–2029 (USD MILLION)

TABLE 77 FOOD & BEVERAGES: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2020–2023 (USD MILLION)

TABLE 78 FOOD & BEVERAGES: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2024–2029 (USD MILLION)

TABLE 79 FOOD & BEVERAGES: VIBRATION MONITORING MARKET,  
BY REGION, 2020–2023 (USD MILLION)

TABLE 80 FOOD & BEVERAGES: VIBRATION MONITORING MARKET,  
BY REGION, 2024–2029 (USD MILLION)

TABLE 81 OTHER INDUSTRIES: VIBRATION MONITORING MARKET,  
BY OFFERING, 2020–2023 (USD MILLION)

TABLE 82 OTHER INDUSTRIES: VIBRATION MONITORING MARKET,  
BY OFFERING, 2024–2029 (USD MILLION)

TABLE 83 OTHER INDUSTRIES: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2020–2023 (USD MILLION)

TABLE 84 OTHER INDUSTRIES: VIBRATION MONITORING MARKET,  
BY SYSTEM TYPE, 2024–2029 (USD MILLION)

TABLE 85 OTHER INDUSTRIES: VIBRATION MONITORING MARKET,  
BY REGION, 2020–2023 (USD MILLION)

TABLE 86 OTHER INDUSTRIES: VIBRATION MONITORING MARKET,  
BY REGION, 2024–2029 (USD MILLION)

TABLE 87 VIBRATION MONITORING MARKET, BY REGION, 2020–2023 (USD  
MILLION)

TABLE 88 VIBRATION MONITORING MARKET, BY REGION, 2024–2029 (USD  
MILLION)

TABLE 89 VIBRATION MONITORING MARKET, BY REGION, 2020–2023 (MILLION  
UNITS)

TABLE 90 VIBRATION MONITORING MARKET, BY REGION, 2024–2029 (MILLION  
UNITS)

TABLE 91 NORTH AMERICA: VIBRATION MONITORING MARKET,  
BY COUNTRY, 2020–2023 (USD MILLION)

TABLE 92 NORTH AMERICA: VIBRATION MONITORING MARKET,  
BY COUNTRY, 2024–2029 (USD MILLION)

TABLE 93 NORTH AMERICA: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2020–2023 (USD MILLION)

TABLE 94 NORTH AMERICA: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2024–2029 (USD MILLION)

TABLE 95 EUROPE: VIBRATION MONITORING MARKET,  
BY COUNTRY, 2020–2023 (USD MILLION)

TABLE 96 EUROPE: VIBRATION MONITORING MARKET,  
BY COUNTRY, 2024–2029 (USD MILLION)

TABLE 97 EUROPE: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2020–2023 (USD MILLION)

TABLE 98 EUROPE: VIBRATION MONITORING MARKET,

BY INDUSTRY, 2024–2029 (USD MILLION)

TABLE 99 ASIA PACIFIC: RT VIBRATION MONITORING MARKET,  
BY COUNTRY, 2020–2023 (USD MILLION)

TABLE 100 ASIA PACIFIC: VIBRATION MONITORING MARKET,  
BY COUNTRY, 2024–2029 (USD MILLION)

TABLE 101 ASIA PACIFIC: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2020–2023 (USD MILLION)

TABLE 102 ASIA PACIFIC: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2024–2029 (USD MILLION)

TABLE 103 ROW: VIBRATION MONITORING MARKET, BY REGION, 2020–2023  
(USD MILLION)

TABLE 104 ROW: VIBRATION MONITORING MARKET, BY REGION, 2024–2029  
(USD MILLION)

TABLE 105 ROW: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2020–2023 (USD MILLION)

TABLE 106 ROW: VIBRATION MONITORING MARKET,  
BY INDUSTRY, 2024–2029 (USD MILLION)

TABLE 107 MIDDLE EAST: VIBRATION MONITORING MARKET,  
BY COUNTRY, 2020–2023 (USD MILLION)

TABLE 108 MIDDLE EAST: VIBRATION MONITORING MARKET,  
BY COUNTRY, 2024–2029 (USD MILLION)

TABLE 109 VIBRATION MONITORING MARKET: OVERVIEW OF STRATEGIES  
ADOPTED

BY KEY PLAYERS, 2020–2024

TABLE 110 VIBRATION MONITORING MARKET: DEGREE OF COMPETITION, 2023

TABLE 111 VIBRATION MONITORING MARKET: INDUSTRY FOOTPRINT

TABLE 112 VIBRATION MONITORING MARKET: OFFERING FOOTPRINT

TABLE 113 VIBRATION MONITORING MARKET: SYSTEM TYPE FOOTPRINT

TABLE 114 VIBRATION MONITORING MARKET: REGION FOOTPRINT

TABLE 115 VIBRATION MONITORING MARKET: DETAILED LIST OF KEY  
STARTUPS/SMES

TABLE 116 VIBRATION MONITORING MARKET: COMPETITIVE BENCHMARKING  
OF KEY STARTUPS/SMES

TABLE 117 VIBRATION MONITORING MARKET: PRODUCT LAUNCHES,  
JANUARY 2020–JULY 2024

TABLE 118 VIBRATION MONITORING MARKET: DEALS, JANUARY 2020–JULY  
2024

TABLE 119 BAKER HUGHES COMPANY: COMPANY OVERVIEW

TABLE 120 BAKER HUGHES COMPANY: PRODUCTS/SOLUTIONS/SERVICES

## OFFERED

TABLE 121 BAKER HUGHES COMPANY: DEALS

TABLE 122 EMERSON ELECTRIC CO.: COMPANY OVERVIEW

TABLE 123 EMERSON ELECTRIC CO.: PRODUCTS/SOLUTIONS/SERVICES

## OFFERED

TABLE 124 EMERSON ELECTRIC CO.: PRODUCT LAUNCHES

TABLE 125 SKF: COMPANY OVERVIEW

TABLE 126 SKF: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 127 SKF: PRODUCT LAUNCHES

TABLE 128 SKF: DEALS

TABLE 129 SCHAEFFLER AG: COMPANY OVERVIEW

TABLE 130 SCHAEFFLER AG: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 131 SCHAEFFLER AG: PRODUCT LAUNCHES

TABLE 132 PARKER HANNIFIN CORP: COMPANY OVERVIEW

TABLE 133 PARKER HANNIFIN CORP: PRODUCTS/SOLUTIONS/SERVICES

## OFFERED

TABLE 134 HONEYWELL INTERNATIONAL INC.: COMPANY OVERVIEW

TABLE 135 HONEYWELL INTERNATIONAL INC.:

PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 136 ROCKWELL AUTOMATION: COMPANY OVERVIEW

TABLE 137 ROCKWELL AUTOMATION: PRODUCTS/SOLUTIONS/SERVICES

## OFFERED

TABLE 138 ROCKWELL AUTOMATION: DEALS

TABLE 139 ANALOG DEVICES, INC.: COMPANY OVERVIEW

TABLE 140 ANALOG DEVICES, INC.: PRODUCTS/SOLUTIONS/SERVICES

## OFFERED

TABLE 141 ALS: COMPANY OVERVIEW

TABLE 142 ALS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 143 TELEDYNE FLIR LLC: COMPANY OVERVIEW

TABLE 144 TELEDYNE FLIR LLC: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 145 TEST AND MEASUREMENT EQUIPMENT MARKET,  
BY REGION, 2020–2023 (USD MILLION)TABLE 146 TEST AND MEASUREMENT EQUIPMENT MARKET,  
BY REGION, 2024–2029 (USD MILLION)TABLE 147 NORTH AMERICA: TEST AND MEASUREMENT EQUIPMENT MARKET,  
BY COUNTRY, 2020–2023 (USD MILLION)TABLE 148 NORTH AMERICA: TEST AND MEASUREMENT EQUIPMENT MARKET,  
BY COUNTRY, 2024–2029 (USD MILLION)

TABLE 149 NORTH AMERICA: TEST AND MEASUREMENT EQUIPMENT MARKET,

BY PRODUCT TYPE & SERVICE TYPE, 2020–2023 (USD MILLION)

TABLE 150 NORTH AMERICA: TEST AND MEASUREMENT EQUIPMENT MARKET,  
BY PRODUCT TYPE & SERVICE TYPE, 2024–2029 (USD MILLION)

TABLE 151 NORTH AMERICA: TEST AND MEASUREMENT EQUIPMENT MARKET,  
BY PRODUCT TYPE, 2020–2023 (USD MILLION)

TABLE 152 NORTH AMERICA: TEST AND MEASUREMENT EQUIPMENT MARKET,  
BY PRODUCT TYPE, 2024–2029 (USD MILLION) 209 \_

## I would like to order

Product name: Vibration Monitoring Market by Accelerometers, Proximity Probes, Velocity Sensors, Transmitters, Vibration Analyzers, Vibration Meters, Online Vibration Monitoring, Portable Vibration Monitoring, On-premises, Cloud Software - Global Forecast to 2029

Product link: <https://marketpublishers.com/r/V745E5433BF8EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/V745E5433BF8EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970