

Vibration Monitoring Equipment Market By Product (Portable & Non-Portable), Component (Accelerometer, Proximity Probe, & Others), Application (Aerospace & Defense, Automotive, Chemical, Metal & Mining, & Others) & Geography – Global Forecast to 2020

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Abstracts

The best overall machinery monitoring program is one that utilizes multiple and integrated monitoring technologies that are well-suited to detect potential failures. For low-risk machines, vibration analysis can be performed by a mechanic or operator using a vibration data collector or vibration meter. For machines with higher criticality, a certified vibration analyst should use advanced vibration data collection with analysis hardware and software.

Vibration monitoring has dominated this market for the last several decades and it continues to do so in the current market scenario. This technology is capable of detecting potential failure of machinery as early as three months in advance. It can also pinpoint the exact source of the problem in the machines. Hence, it remains the most preferred condition monitoring tool among all the maintenance personnel. The global vibration monitoring equipment market is valued at \$986.59 million in 2014, and is expected to reach \$1,453.76 million by 2020, at a CAGR of 6.6% between 2015 and 2020. In terms of geography, North America accounted for the major market share of ~40% in 2014, followed by Europe at ~26%. The key driving factor behind this is the presence of major key players in the region and the growing usage of vibration monitoring in various applications.

The major players in the vibration monitoring equipment market are adopting different

strategies to expand and gain a strong position in this market. As the number of established players is growing in the global marketplace, it becomes important for every market player to gain a competitive edge over the others. Key players adopted strategies such as new product development and agreements, contracts & partnerships, and others to compete in the vibration monitoring equipment market.

The report provides a detailed insight into the current vibration monitoring equipment market, and identifies key trends in the various segments of the market with in-depth quantitative and qualitative information. The report segments the global vibration monitoring equipment market on the basis of components, products, applications, and geography. Further, it provides market size forecasts, and trend analysis with respect to the market's time-line. Detailed geographic insights with respect to major regions such as North America, APAC, Europe, and Rest of the World have been analyzed.

The major players in the global vibration monitoring equipment market are Analog Devices, Inc. (U.S.), Azima DLI Corporation (U.S.), Bruel & Kjaer Sound & Vibration Measurement A/S (Denmark), Emerson Electric Co. (U.S.), General Electric Company (U.S.), Honeywell International, Inc. (U.S.), Meggitt PLC (U.K.), National Instruments Corporation (U.S.), Rockwell Automation, Inc. (U.S.), SKF (Sweden), and SPM Instrument (Sweden).

The market analysis includes the market overview and industry analysis along with market dynamics and additional qualitative analysis. The market classification encompasses segmentation & sub-segmentation of the market on the basis of components, products, applications, and geography. Lastly, the current market landscape covers the detailed competitive landscape and company profiles of all the key players across the industry.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 BY PRODUCT
 - 1.3.3 BY APPLICATION
 - 1.3.4 BY COMPONENT
 - 1.3.5 GEOGRAPHIC SCOPE
- 1.4 YEARS CONSIDERED FOR THE STUDY
- 1.5 CURRENCY
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
- 2.2 MARKET SIZE ESTIMATION
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 MARKET SIZE ESTIMATION
 - 2.4.1 SECONDARY DATA
 - 2.4.1.1 Key data from secondary sources
 - 2.4.2 PRIMARY DATA
 - 2.4.2.1 Key data from primary sources
 - 2.4.3 KEY INDUSTRY INSIGHTS
- 2.5 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITES IN THE VIBRATION MONITORING EQUIPMENT MARKET
- 4.2 VIBRATION MONITORING EQUIPMENT MARKET, BY APPLICATION
- 4.3 APAC VIBRATION MONITORING EQUIPMENT MARKET ANALYSIS
- 4.4 VIBRATION MONITORING EQUIPMENT MARKET—COUNTRY ANALYSIS

4.5 PORTable AND NON-PORTable VIBRATION MONITORING EQUIPMENT MARKET

4.6 VIBRATION MONITORING EQUIPMENT MARKET—APPLICATION BY GEOGRAPHIC SCENARIO

4.7 U.S. COMMANDS OVER 35% SHARE OF THE VIBRATION MONITORING EQUIPMENT MARKET

4.8 TOP 4 APPLICATIONS IN APAC'S VIBRATION MONITORING EQUIPMENT MARKET

4.9 LIFE CYCLE ANALYSIS, BY GEOGRAPHY

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 EVOLUTION

5.3 MARKET SEGMENTATION

5.3.1 BY PRODUCT

5.3.2 BY COMPONENT

5.3.3 BY APPLICATION

5.4 MARKET DYNAMICS

5.4.1 DRIVERS

5.4.1.1 New end-user applications raise the demand for vibration monitoring equipment

5.4.1.2 Growing awareness toward monitoring solutions

5.4.1.3 Impact of wireless technology on vibration monitoring equipment market

5.4.1.4 Transition of process industry from preventive maintenance to predictive maintenance

5.4.2 RESTRAINTS

5.4.2.1 Impact of maintenance on production schedule

5.4.2.2 Older equipment may require asset modifications to retrofit existing systems with vibration monitoring sensors

5.4.2.3 Need to educate and train end users

5.4.3 OPPORTUNITIES

5.4.3.1 Growing use of wind energy is expected to increase the demand for machine condition monitoring systems

5.4.3.2 Growth in remote monitoring of machines

5.4.4 CHALLENGE

5.4.4.1 Increased drive to integrate condition monitoring techniques with management systems such as PAM and CMMS

5.4.5 BURNING ISSUE

5.4.5.1 Online v/s offline dilemma in machine condition monitoring

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN ANALYSIS

6.3 INDUSTRY TRENDS

6.4 PORTER'S FIVE FORCES ANALYSIS

6.4.1 THREAT OF NEW ENTRANTS

6.4.2 THREAT OF SUBSTITUTES

6.4.3 BARGAINING POWER OF SUPPLIERS

6.4.4 BARGAINING POWER OF BUYERS

6.4.5 DEGREE OF COMPETITION

6.5 STRATEGIC BENCHMARKING

6.5.1 MAJOR STRATEGIES ADOPTED BY KEY PLAYERS

7 MARKET, BY PRODUCT

7.1 INTRODUCTION

7.2 PORTable VIBRATION MONITOR

7.3 NON-PORTable VIBRATION MONITOR

8 MARKET, BY COMPONENT

8.1 INTRODUCTION

8.2 ACCELEROMETER

8.3 PROXIMITY PROBES

8.4 OTHERS

9 MARKET, BY APPLICATION

9.1 INTRODUCTION

9.2 AEROSPACE & DEFENSE

9.3 AUTOMOTIVE

9.4 CHEMICALS

9.5 MARINE

9.6 METALS & MINING

9.7 OIL & GAS

9.8 ENERGY & POWER

9.9 OTHERS

10 GEOGRAPHIC ANALYSIS

10.1 INTRODUCTION

10.2 NORTH AMERICA

10.2.1 U.S.

10.2.2 CANADA

10.2.3 MEXICO

10.2.4 OTHERS

10.3 EUROPE

10.3.1 U.K.

10.3.2 GERMANY

10.3.3 FRANCE

10.3.4 ITALY

10.3.5 OTHERS

10.4 ASIA-PACIFIC (APAC)

10.4.1 CHINA

10.4.2 JAPAN

10.4.3 INDIA

10.4.4 OTHERS

10.5 REST OF THE WORLD (ROW)

10.5.1 LATIN AMERICA

10.5.2 THE MIDDLE EAST & AFRICA

11 COMPETITIVE LANDSCAPE

11.1 OVERVIEW

11.2 MARKET SHARE ANALYSIS: VIBRATION MONITORING EQUIPMENT MARKET

11.3 COMPETITIVE SITUATION AND TRENDS

11.3.1 NEW PRODUCT LAUNCHES/NEW PRODUCT DEVELOPMENTS

11.3.2 PARTNERSHIPS, CONTRACTS, AGREEMENTS, JOINT VENTURES, AND COLLABORATIONS

11.3.3 MERGERS AND ACQUISITIONS

11.3.4 EXPANSIONS

11.3.5 OTHER DEVELOPMENTS

12 COMPANY PROFILES

(Overview, Products and Services, Financials, Strategy & Development)*

12.1 INTRODUCTION

12.2 EMERSON ELECTRIC COMPANY

12.3 GENERAL ELECTRIC CORPORATION

12.4 HONEYWELL INTERNATIONAL, INC.

12.5 ROCKWELL AUTOMATION, INC.

12.6 SKF

12.7 ANALOG DEVICES, INC.

12.8 NATIONAL INSTRUMENTS CORPORATION

12.9 MEGGITT PLC

12.1 AZIMA DLI CORPORATION

12.11 BRUEL & KJAER SOUND & VIBRATION MEASUREMENT A/S

12.12 SPM INSTRUMENT AB

*Details on Overview, Products and Services, Financials, Strategy & Development might not be Captured in case of Unlisted Companies.

13 APPENDIX

13.1 INSIGHTS OF INDUSTRY EXPERTS

13.2 DISCUSSION GUIDE

13.3 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

13.4 AVAILABLE CUSTOMIZATIONS

13.5 RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1 TIMELINE OF VARIOUS MONITORING TECHNIQUES

Table 2 EMERGING APPLICATIONS AND WIRELESS TECHNOLOGY ARE PROPELLING THE GROWTH OF THE VIBRATION MONITORING EQUIPMENT MARKET (2014–2020)

Table 3 UNPREDICTABLE MAINTENANCE PERIOD IS LIKELY TO RESTRAIN THE MARKET GROWTH (2014–2020)

Table 4 GROWTH OF WIND ENERGY AND REMOTE MONITORING WOULD BRING NEW GROWTH OPPORTUNITIES FOR VIBRATION MONITORING SYSTEMS (2014–2020)

Table 5 INTEGRATION OF CONDITION MONITORING WITH PAM & CMMS IS A MAJOR CHALLENGE FOR VIBRATION MONITORING EQUIPMENT MARKET

Table 6 GROWING AWARENESS TOWARD MONITORING TECHNIQUES IS THE LEADING TREND IN THE INDUSTRY

Table 7 VIBRATION MONITORING EQUIPMENT MARKET, BY PRODUCT, 2013–2020 (\$MILLION)

Table 8 PORTABLE VIBRATION MONITORING EQUIPMENT MARKET, BY COMPONENT, 2013–2020 (\$MILLION)

Table 9 PORTABLE VIBRATION MONITORING EQUIPMENT MARKET, BY APPLICATION, 2013–2020 (\$MILLION)

Table 10 NON-PORTABLE VIBRATION MONITORING EQUIPMENT MARKET, BY COMPONENT, 2013–2020 (\$MILLION)

Table 11 NON-PORTABLE VIBRATION MONITORING EQUIPMENT MARKET, BY APPLICATION, 2013–2020 (\$ MILLION)

Table 12 VIBRATION MONITORING EQUIPMENT MARKET SIZE, BY COMPONENT, 2013–2020 (\$MILLION)

Table 13 VIBRATION MONITORING EQUIPMENT MARKET SIZE, BY APPLICATION, 2013–2020 (\$MILLION)

Table 14 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR AEROSPACE & DEFENSE APPLICATION, BY PRODUCT, 2013–2020 (\$MILLION)

Table 15 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR AEROSPACE & DEFENSE APPLICATION, BY REGION, 2013–2020 (\$ MILLION)

Table 16 NORTH AMERICA: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR AEROSPACE & DEFENSE APPLICATION, BY GEOGRAPHY, 2013–2020 (\$ MILLION)

Table 17 EUROPE: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR

AEROSPACE & DEFENSE APPLICATION, BY GEOGRAPHY, 2013–2020 (\$ MILLION)

Table 18 APAC: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR

AEROSPACE & DEFENSE APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 19 ROW: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR

AEROSPACE & DEFENSE APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 20 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR AUTOMOTIVE APPLICATION, BY PRODUCT, 2013–2020 (\$ MILLION)

Table 21 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR AUTOMOTIVE APPLICATION, BY REGION, 2013–2020 (\$ MILLION)

Table 22 NORTH AMERICA: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR AUTOMOTIVE APPLICATION, BY GEOGRAPHY, 2013–2020 (\$ MILLION)

Table 23 EUROPE: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR AUTOMOTIVE APPLICATION, BY GEOGRAPHY, 2013–2020 (\$ MILLION)

Table 24 APAC: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR AUTOMOTIVE APPLICATION, BY GEOGRAPHY, 2013–2020 (\$ MILLION)

Table 25 ROW: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR AUTOMOTIVE APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 26 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR CHEMICAL APPLICATION, BY PRODUCT, 2013–2020 (\$ MILLION)

Table 27 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR CHEMICAL APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 28 NORTH AMERICA: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR CHEMICAL APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 29 EUROPE: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR CHEMICAL APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 30 APAC: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR CHEMICAL APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 31 ROW: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR CHEMICAL APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 32 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR MARINE APPLICATION, BY PRODUCT, 2013–2020 (\$ MILLION)

Table 33 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR MARINE APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 34 NORTH AMERICA: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR MARINE APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 35 EUROPE: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR MARINE APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 36 APAC: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR MARINE APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 37 ROW: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR MARINE APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 38 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR METALS & MINING APPLICATION, BY PRODUCT, 2013–2020 (\$MILLION)

Table 39 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR METALS & MINING APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 40 NORTH AMERICA: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR METALS & MINING APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 41 EUROPE: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR METALS & MINING APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 42 APAC: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR METALS & MINING APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 43 ROW: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR METALS & MINING APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 44 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OIL & GAS APPLICATION, BY PRODUCT, 2013–2020 (\$MILLION)

Table 45 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OIL & GAS APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 46 NORTH AMERICA: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OIL & GAS APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 47 EUROPE: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OIL & GAS APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 48 APAC: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OIL & GAS APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 49 ROW: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OIL & GAS APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 50 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR ENERGY & POWER APPLICATION, BY PRODUCT, 2013–2020 (\$MILLION)

Table 51 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR ENERGY & POWER APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 52 NORTH AMERICA: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR ENERGY & POWER APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 53 EUROPE: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR ENERGY & POWER APPLICATION, BY GEOGRAPHY, 2013–2020 (\$ MILLION)

Table 54 APAC: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR ENERGY & POWER APPLICATION, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 55 ROW: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR ENERGY & POWER APPLICATION, BY REGION, 2013–2020 (\$MILLION)

Table 56 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OTHER

APPLICATIONS, BY PRODUCT, 2013–2020 (\$ MILLION)

Table 57 VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OTHER APPLICATIONS, BY REGION, 2013–2020 (\$ MILLION)

Table 58 NORTH AMERICA: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OTHER APPLICATIONS, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 59 EUROPE: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OTHER APPLICATIONS, BY GEOGRAPHY, 2013–2020 (\$MILLION)

Table 60 APAC: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OTHER APPLICATIONS, BY GEOGRAPHY, 2013–2020 (\$ MILLION)

Table 61 ROW: VIBRATION MONITORING EQUIPMENT MARKET SIZE FOR OTHER APPLICATIONS, BY REGION, 2013–2020 (\$MILLION)

Table 62 VIBRATION MONITORING EQUIPMENT MARKET SIZE, BY REGION, 2013–2020 (\$MILLION)

Table 63 NORTH AMERICAN VIBRATION MONITORING EQUIPMENT MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION)

Table 64 EUROPE: VIBRATION MONITORING EQUIPMENT MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION)

Table 65 APAC: VIBRATION MONITORING EQUIPMENT MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION)

Table 66 ROW: VIBRATION MONITORING EQUIPMENT MARKET SIZE, BY REGION, 2013–2020 (\$MILLION)

Table 67 NEW PRODUCT LAUNCHES, 2011–2014

Table 68 PARTNERSHIPS, CONTRACT, AGREEMENTS, AND JOINT VENTURES

Table 69 MERGERS AND ACQUISITIONS

Table 70 EXPANSIONS

Table 71 OTHER DEVELOPMENTS

List Of Figures

LIST OF FIGURES

Figure 1 MARKETS COVERED

Figure 2 RESEARCH DESIGN

Figure 3 BOTTOM-UP APPROCH

Figure 4 TOP-DOWN APPROCH

Figure 5 BREAKDOWN OF PRIMARIES' INTERVIEWS: BY COMPANY TYPE, DESIGNATION, & REGION

Figure 6 MARKET BREAKDOWN AND DATA TRIANGULATION

Figure 7 ASSUMPTIONS OF THE RESEARCH STUDY

Figure 8 VIBRATION MONITORING EQUIPMENT MARKET SNAPSHOT (2014–2020)

Figure 9 OIL & GAS AND ENERGY & POWER APPLICATIONS LIKELY TO LEAD THE MARKET IN 2020

Figure 10 VIBRATION MONITORING EQUIPMENT MARKET, BY COMPONENT

Figure 11 VIBRATION MONITORING EQUIPMENT MARKET SHARE, BY REGION, 2014

Figure 12 VIBRATION MONITORING EQUIPMENT MARKET LIKELY TO HAVE HUGE OPPORTUNITY BY 2020

Figure 13 ENERGY & POWER LIKELY TO GROW AT THE HIGHEST RATE AMONG ALL THE APPLICATIONS IN THE VIBRATION MONITORING EQUIPMENT MARKET

Figure 14 OIL & GAS APPLICATION ACCOUNTED FOR THE MAJOR SHARE IN THE APAC MARKET IN 2014

Figure 15 INDIA AND CHINA ARE THE FASTEST-GROWING NATIONS (CAGR %, 2015–2020)

Figure 16 PORTable VIBRATION TO DOMINATE THE MARKET DURING THE FORECAST PERIOD

Figure 17 NORTH AMERICA TO COVER MAJOR MARKET SHARE IN ALL APPLICATIONS

Figure 18 MATURE VS DEVELOPING MARKETS

Figure 19 OIL & GAS IS THE MAJOR APPLICATION MARKET IN APAC

Figure 20 APAC IS THE FASTEST-GROWING REGION, 2015

Figure 21 CAUSES OF VIBRATION IN MACHINE

Figure 22 JOURNEY OF VIBRATION MONITORING EQUIPMENT FROM MANUAL INSPECTION TO CLOUD-BASED MONITORING SYSTEMS

Figure 23 VIBRATION MONITORING EQUIPMENT MARKET SEGMENTATION, BY PRODUCT

Figure 24 VIBRATION MONITORING EQUIPMENT MARKET SEGMENTATION, BY

COMPONENT

Figure 25 VIBRATION MONITORING EQUIPMENT MARKET SEGMENTATION, BY APPLICATION

Figure 26 GROWING AWARENESS TOWARD MONITORING SOLUTIONS IS MAINLY DRIVING THE MARKET BETWEEN 2015 AND 2020

Figure 27 ASSET MANAGEMENT IMPLEMENTATION SURVEY

Figure 28 VIBRATION MONITORING TECHNIQUE IS FAST-GROWING COMPARED TO OTHER METHODS

Figure 29 REMOTE MONITORING OF A MACHINE

Figure 30 VALUE CHAIN ANALYSIS

Figure 31 PORTER'S FIVE FORCES ANALYSIS

Figure 32 PORTER'S FIVE FORCES ANALYSIS (2014): IMPACT ANALYSIS

Figure 33 THREAT OF NEW ENTRANTS: IMPACT ANALYSIS

Figure 34 THREAT OF SUBSTITUTES: IMPACT ANALYSIS

Figure 35 BARGAINING POWER OF SUPPLIERS: IMPACT ANALYSIS

Figure 36 BARGAINING POWER OF BUYERS: IMPACT ANALYSIS

Figure 37 DEGREE OF COMPETITION: IMPACT ANALYSIS

Figure 38 NEW PRODUCT DEVELOPMENT AND AGREEMENTS, CONTRACTS WERE THE MAJOR STRATEGIES ADOPTED BY INDUSTRY PLAYERS (2011–2015)

Figure 39 MARKET, BY PRODUCT

Figure 40 PORTable VIBRATION EQUIPMENT IS EXPECTED TO GROW FASTER

Figure 41 ACCELEROMETER-BASED VIBRATION MONITORS ARE THE MOST PREFERRED COMPONENT

Figure 42 ENERGY & POWER APPLICATION HAS THE HIGHEST GROWTH OPPORTUNITY FOR PORTable VIBRATION MONITORS

Figure 43 NON-PORTable VIBRATION MONITORS ARE LIKELY TO HAVE THE LARGEST SHARE IN THE OIL & GAS APPLICATION, 2015

Figure 44 MARKET, BY COMPONENT

Figure 45 ACCELEROMETER-BASED VIBRATION MONITORS TO GROW AT THE HIGHEST CAGR

Figure 46 ADVANTAGES AND DISADVANTAGES OF ACCELEROMETER

Figure 47 ADVANTAGES AND DISADVANTAGES OF PROXIMITY PROBES

Figure 48 MARKET, BY APPLICATION

Figure 49 VIBRATION MONITORING EQUIPMENT MARKET SIZE, BY APPLICATION, 2015 VS. 2020

Figure 50 VIBRATION MONITORING EQUIPMENT MARKET FOR AEROSPACE AND DEFENSE APPLICATION: GEOGRAPHIC SNAPSHOT

Figure 51 PORTable VIBRATION MONITORS TO GROW AT A FASTER RATE BY 2020

Figure 52 U.S. HAS THE LARGEST SHARE IN THE VIBRATION MONITORING EQUIPMENT MARKET FOR AUTOMOTIVE APPLICATION IN 2014

Figure 53 VIBRATION MONITORING EQUIPMENT MARKET FOR CHEMICAL APPLICATION

Figure 54 PORTable VIBRATION EQUIPMENT CONTRIBUTES 66% TO THE MARINE APPLICATION, 2015

Figure 55 MIDDLE EAST & AFRICA CONTRIBUTES TO 53% OF THE ROW'S VIBRATION MONITORING EQUIPMENT MARKET FOR MARINE APPLICATION, 2015

Figure 56 NORTH AMERICA CONTRIBUTES TO ~33% OF THE VIBRATION MONITORING EQUIPMENT MARKET FOR METALS & MINING APPLICATION

Figure 57 VIBRATION MONITORING EQUIPMENT MARKET FOR OIL & GAS APPLICATION: SNAPSHOT

Figure 58 THE U.S. CONTRIBUTES TO ~85% MARKET SHARE IN ENERGY & POWER APPLICATION

Figure 59 CHINA HAS THE LARGEST SHARE IN THE VIBRATION MONITORING EQUIPMENT MARKET FOR ENERGY & POWER APPLICATION IN THE APAC REGION, 2014

Figure 60 THE U.S.: LEADING COUNTRY IN VIBRATION MONITORING EQUIPMENT MARKET FOR OTHER APPLICATIONS, 2014

Figure 61 VIBRATION MONITORING EQUIPMENT MARKET SNAPSHOT (BETWEEN 2015 AND 2020)

Figure 62 THE U.S. COVERS ~35% TO THE VIBRATION MONITORING EQUIPMENT MARKET, 2015

Figure 63 NORTH AMERICAN VIBRATION MONITORING EQUIPMENT MARKET: SNAPSHOT

Figure 64 GERMANY CONTRIBUTES ~32% TO THE EUROPEAN VIBRATION MONITORING EQUIPMENT MARKET, 2014

Figure 65 APAC REGION IS ESTIMATED TO GROW AT THE HIGHEST RATE IN VIBRATION MONITORING EQUIPMENT MARKET

Figure 66 MIDDLE EAST AND AFRICA REGION TO GROW AT A HIGHER RATE

Figure 67 COMPANIES ADOPTED NEW PRODUCT DEVELOPMENT AS THE KEY GROWTH STRATEGY (2011-2015)

Figure 68 GENERAL ELECTRIC COMPANY GREW AT THE FASTEST RATE BETWEEN 2011 AND 2013

Figure 69 VIBRATION MONITORING EQUIPMENT MARKET SHARE, BY KEY PLAYER, 2014

Figure 70 MARKET EVOLUTION FRAMEWORK: NEW PRODUCT DEVELOPMENT HAS FUELED GROWTH AND INNOVATION

Figure 71 BATTLE FOR MARKET SHARE: NEW PRODUCT DEVELOPMENT WAS THE KEY STRATEGY

Figure 72 GEOGRAPHIC REVENUE MIX OF TOP 5 MARKET PLAYERS

Figure 73 COMPETITIVE BENCHMARKING OF KEY MARKET PLAYERS (2011–2013): HONEYWELL EMERGED AS THE CHAMPION OWING TO ITS DIVERSIFIED PRODUCT PORTFOLIO

Figure 74 EMERSON ELECTRIC COMPANY: COMPANY SNAPSHOT

Figure 75 EMERSON ELECTRIC COMPANY: SWOT ANALYSIS

Figure 76 GENERAL ELECTRIC CORPORATION: COMPANY SNAPSHOT

Figure 77 GENERAL ELECTRIC CORPORATION: SWOT ANALYSIS

Figure 78 HONEYWELL INTERNATIONAL, INC.: COMPANY SNAPSHOT

Figure 79 HONEYWELL INTERNATIONAL, INC.: SWOT ANALYSIS

Figure 80 ROCKWELL AUTOMATION, INC.: COMPANY SNAPSHOT

Figure 81 ROCKWELL AUTOMATION, INC.: SWOT ANALYSIS

Figure 82 SKF: COMPANY SNAPSHOT

Figure 83 ANALOG DEVICES, INC.: COMPANY SNAPSHOT

Figure 84 ANALOG DEVICES, INC.: SWOT ANALYSIS

Figure 85 NATIONAL INSTRUMENTS CORPORATION: COMPANY SNAPSHOT

Figure 86 MEGGIT PLC: COMPANY SNAPSHOT

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