

Global Quantum Sensors Market Size study, by Product Type (Atomic Clocks, Magnetic Sensors, PAR Quantum Sensors, Gravity Sensors), by Application (Military and Defense, Automotive, Others), and Regional Forecasts 2020-2027

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Abstracts

Global Quantum Sensors Market is valued at approximately USD 0.47 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 8.4 % over the forecast period 2020-2027. Quantum sensors are gaining momentum in the banking and financial services market, which is focused on accelerating trading practices, sales, and data analysis in a variety of ways. The simulation is one of quantum computing's most promising implementations. Quantum computation aids in the discovery of a more effective and reliable method of managing financial risks. Furthermore, major factors driving the market for quantum sensors in automotive applications are the increasing demand and trend for autonomous vehicles. The number of sensors per car has increased almost exponentially as a result of developments such as autonomous vehicles (AV) and electric vehicles (EV). Because of these benefits, the majority of sensor manufacturers in the world are concentrating their efforts on the advanced automotive market such as Automotive supplier based in France. In addition, government is funding quantum sensors and computation for a secure network. For instance, the Glasgow-based quantum centre, which focuses on improved imaging, received an extra GBP 38.95 million. The centre has incubated three start-ups: QLM (which has developed a drone-mounted sensor capable of remotely detecting and quantifying minute methane leaks), Raycal (which offers quantum science consultancy services), and Sequestim (which has developed a drone-mounted sensor capable of remotely detecting and quantifying minute methane leaks). However, high cost of imaging instruments may impede market growth over the forecast period of 2020-2027.

The regional analysis of the global Quantum Sensors Market is considered for the key regions such as North America, Asia Pacific, Latin America, Europe, and Rest of the World. Europe is the leading region across the world in terms of market share due to favourable government norms in the region. Whereas Asia Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2020-2027, due to increased use of advanced technologies in the manufacturing sector across APAC.

Major market player included in this report are:

AOSense, Inc.

Apogee Instruments Inc.

M Squared Ltd

Muquans SAS

Robert Bosch GmbH

Skye Instruments Ltd.

Campbell Scientific Ltd.

LI-COR, Inc

Biospherical Instruments Inc.

Thomas Industrial Network Inc.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type:

Atomic Clocks

Magnetic Sensors

PAR Quantum Sensors

Gravity Sensors

By Application:

Military and Defense

Automotive

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027.

Target Audience of the Global Quantum Sensors Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Billion)
 - 1.2.1. Quantum Sensors Market, by Region, 2018-2027 (USD Billion)
 - 1.2.2. Quantum Sensors Market, by Product Type, 2018-2027 (USD Billion)
 - 1.2.3. Quantum Sensors Market, by Application, 2018-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL QUANTUM SENSORS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL QUANTUM SENSORS MARKET DYNAMICS

- 3.1. Quantum Sensors Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1 Early adoption of quantum computing in banking and finance industry
 - 3.1.1.2 Rise in investments in quantum computing technology
 - 3.1.2. Market Restraint
 - 3.1.2.1 Stability and error correction issues
 - 3.1.3. Market Opportunities
 - 3.1.3.1 Technological advancements in quantum computing

CHAPTER 4. GLOBAL QUANTUM SENSORS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants

- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL QUANTUM SENSORS MARKET, BY PRODUCT TYPE

- 5.1. Market Snapshot
- 5.2. Global Quantum Sensors Market by Product Type , Performance - Potential Analysis
- 5.3. Global Quantum Sensors Market Estimates & Forecasts by Product Type 2017-2027 (USD Billion)
- 5.4. Quantum Sensors Market, Sub Segment Analysis
 - 5.4.1. Atomic Clocks
 - 5.4.2. Magnetic Sensors
 - 5.4.3. PAR Quantum Sensors
 - 5.4.4. Gravity Sensors

CHAPTER 6. GLOBAL QUANTUM SENSORS MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Quantum Sensors Market by Application, Performance - Potential Analysis
- 6.3. Global Quantum Sensors Market Estimates & Forecasts by Application 2017-2027 (USD Billion)
- 6.4. Quantum Sensors Market, Sub Segment Analysis
 - 6.4.1. Military and Defense
 - 6.4.2. Automotive
 - 6.4.3. Others

CHAPTER 7. GLOBAL QUANTUM SENSORS MARKET, REGIONAL ANALYSIS

- 7.1. Quantum Sensors Market, Regional Market Snapshot
- 7.2. North America Quantum Sensors Market

- 7.2.1. U.S. Quantum Sensors Market
 - 7.2.1.1. Product Type breakdown estimates & forecasts, 2017-2027
 - 7.2.1.2. Application breakdown estimates & forecasts, 2017-2027
- 7.2.2. Canada Quantum Sensors Market
- 7.3. Europe Quantum Sensors Market Snapshot
 - 7.3.1. U.K. Quantum Sensors Market
 - 7.3.2. Germany Quantum Sensors Market
 - 7.3.3. France Quantum Sensors Market
 - 7.3.4. Spain Quantum Sensors Market
 - 7.3.5. Italy Quantum Sensors Market
 - 7.3.6. Rest of Europe Quantum Sensors Market
- 7.4. Asia-Pacific Quantum Sensors Market Snapshot
 - 7.4.1. China Quantum Sensors Market
 - 7.4.2. India Quantum Sensors Market
 - 7.4.3. Japan Quantum Sensors Market
 - 7.4.4. Australia Quantum Sensors Market
 - 7.4.5. South Korea Quantum Sensors Market
 - 7.4.6. Rest of Asia Pacific Quantum Sensors Market
- 7.5. Latin America Quantum Sensors Market Snapshot
 - 7.5.1. Brazil Quantum Sensors Market
 - 7.5.2. Mexico Quantum Sensors Market
- 7.6. Rest of The World Quantum Sensors Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles
 - 8.2.1. AOSense, Inc
 - 8.2.1.1. Key Information
 - 8.2.1.2. Overview
 - 8.2.1.3. Financial (Subject to Data Availability)
 - 8.2.1.4. Product Summary
 - 8.2.1.5. Recent Developments
 - 8.2.2. Apogee Instruments Inc.
 - 8.2.3. M Squared Ltd
 - 8.2.4. Muquans SAS
 - 8.2.5. Robert Bosch GmbH
 - 8.2.6. Skye Instruments Ltd.
 - 8.2.7. Campbell Scientific Ltd.

8.2.8. LI-COR, Inc

8.2.9. Biospherical Instruments Inc.

8.2.10. Thomas Industrial Network Inc.

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Quantum Sensors Market, report scope

TABLE 2. Global Quantum Sensors Market estimates & forecasts by region 2017-2027 (USD Billion)

TABLE 3. Global Quantum Sensors Market estimates & forecasts by Product Type 2017-2027 (USD Billion)

TABLE 4. Global Quantum Sensors Market estimates & forecasts by Application 2017-2027 (USD Billion)

TABLE 5. Global Quantum Sensors Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 6. Global Quantum Sensors Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 7. Global Quantum Sensors Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 8. Global Quantum Sensors Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 9. Global Quantum Sensors Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 10. Global Quantum Sensors Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 11. Global Quantum Sensors Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 12. Global Quantum Sensors Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 13. Global Quantum Sensors Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 14. Global Quantum Sensors Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 15. Global Quantum Sensors Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 16. Global Quantum Sensors Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 17. Global Quantum Sensors Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 18. Global Quantum Sensors Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 19. Global Quantum Sensors Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 20. Global Quantum Sensors Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 21. U.S. Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 22. U.S. Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 23. U.S. Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 24. Canada Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 25. Canada Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 26. Canada Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 27. UK Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 28. UK Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 29. UK Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 30. Germany Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 31. Germany Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 32. Germany Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 33. France Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 34. France Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 35. France Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 36. Spain Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 37. Spain Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 38. Spain Quantum Sensors Market estimates & forecasts by segment

2017-2027 (USD Billion)

TABLE 39. Italy Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 40. Italy Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 41. Italy Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 42. ROE Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 43. ROE Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 44. ROE Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 45. China Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 46. China Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 47. China Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 48. India Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 49. India Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 50. India Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 51. Japan Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 52. Japan Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 53. Japan Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 54. Australia Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 55. Australia Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 56. Australia Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 57. South Korea Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 58. South Korea Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 59. South Korea Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 60. ROPAC Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 61. ROPAC Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 62. ROPAC Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 63. Brazil Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 64. Brazil Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 65. Brazil Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 66. Mexico Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 67. Mexico Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 68. Mexico Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 69. ROLA Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 70. ROLA Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 71. ROLA Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 72. ROW Quantum Sensors Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 73. ROW Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 74. ROW Quantum Sensors Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 75. List of secondary sources used in the study of global Quantum Sensors Market.

TABLE 76. List of primary sources used in the study of global Quantum Sensors Market.

TABLE 77. Years considered for the study.

TABLE 78. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Quantum Sensors Market, research methodology
- FIG 2. Global Quantum Sensors Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Quantum Sensors Market, key trends 2019
- FIG 5. Global Quantum Sensors Market, growth prospects 2020-2027
- FIG 6. Global Quantum Sensors Market, porters 5 force model
- FIG 7. Global Quantum Sensors Market, pest analysis
- FIG 8. Global Quantum Sensors Market, value chain analysis
- FIG 9. Global Quantum Sensors Market by segment, 2017 & 2027 (USD Billion)
- FIG 10. Global Quantum Sensors Market by segment, 2017 & 2027 (USD Billion)
- FIG 11. Global Quantum Sensors Market by segment, 2017 & 2027 (USD Billion)
- FIG 12. Global Quantum Sensors Market by segment, 2017 & 2027 (USD Billion)
- FIG 13. Global Quantum Sensors Market by segment, 2017 & 2027 (USD Billion)
- FIG 14. Global Quantum Sensors Market by segment, 2017 & 2027 (USD Billion)
- FIG 15. Global Quantum Sensors Market by segment, 2017 & 2027 (USD Billion)
- FIG 16. Global Quantum Sensors Market by segment, 2017 & 2027 (USD Billion)
- FIG 17. Global Quantum Sensors Market, regional snapshot 2017 & 2027
- FIG 18. North America Quantum Sensors Market 2017 & 2027 (USD Billion)
- FIG 19. Europe Quantum Sensors Market 2017 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Quantum Sensors Market 2017 & 2027 (USD Billion)
- FIG 21. Latin America Quantum Sensors Market 2017 & 2027 (USD Billion)
- FIG 22. Global Quantum Sensors Market, company market share analysis (2019)

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