

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

<https://marketpublishers.com/r/G827C1C53C04EN.html>

Date: May 2021

Pages: 200

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

ID: G827C1C53C04EN

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

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