

# Torque Sensor Market Report 2021, Industry Trends, Share, Size, Demand and Future Scope

*Global Torque Sensor Market By Type (Rotary Torque Sensor & Reaction Torque Sensor), Technology, Application, Key Players and Region.*

SHERIDAN, WYOMING, UNITED STATES, January 11, 2022 /EINPresswire.com/ -- The global [torque sensor market](#) is expected to grow at a CAGR of around 7% during 2021-2026, according to the latest report by IMARC Group.

A torque sensor is an electronic device that records and measures the torque of a rotating system through

mechanical processes. It ensures the high quality and performance optimization of machines such as engines, gearboxes, electric motors, and crankshafts of the rotating system. It is also essential in technological applications, such as engine and transmission testing, turbine testing, pump testing, and power measurement, within propulsion systems. A torque sensor enhances the efficiency of machines, engines, and embedded systems. As a result, it finds applications across automotive, aerospace, defense, agriculture, mining, and healthcare industries.

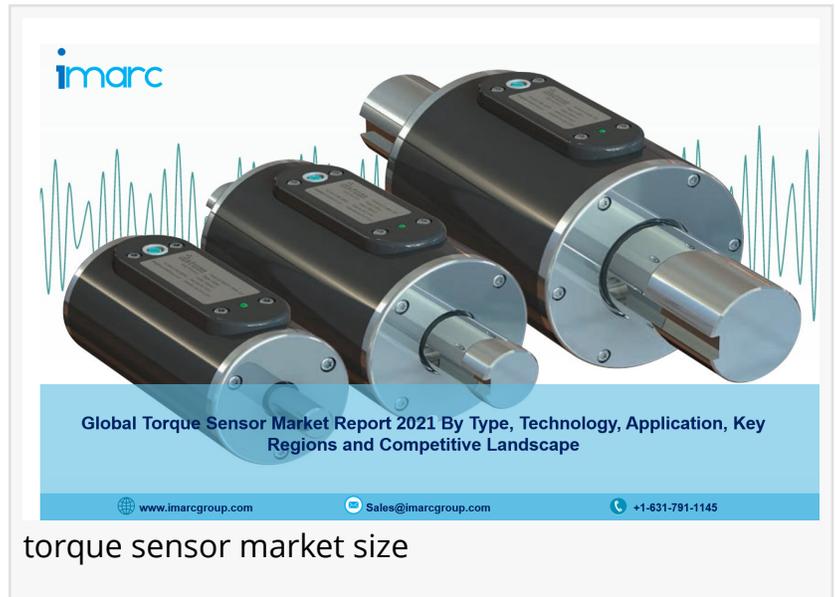
## COVID-19 Impact Analysis

We are regularly tracking the direct effect of COVID-19 on the market, along with the indirect influence of associated industries. These observations will be integrated into the report.

Get a PDF Sample for more detailed market insights: <https://www.imarcgroup.com/torque-sensor-market/requestsample>

## Competitive landscape

The competitive landscape of the market has been examined, with some of the key players being Applied Measurements Limited, Crane Electronics Inc., Datum Electronics Limited (Indutrade AB),



FUTEK Advanced Sensor Technology Inc., Hitachi Limited, Honeywell International Inc., Hottinger Baldwin Messtechnik GmbH (Spectris plc), Infineon Technologies AG, Kistler Holding AG, Norbar Torque Tools Limited (Snap-on Incorporated), and PCB Piezotronics Inc. (MTS Systems Corporation).

Global Torque Sensor Market Trends:

The market is primarily driven by the increasing demand for high-performance [hybrid vehicles](#), owing to the rising awareness regarding carbon emissions. In addition to this, the advent of Industry 4.0 has resulted in the growing emphasis on performance optimization and quality control across various industries, thereby increasing the adoption of torque sensors in new applications.

Nowadays, torque sensors are also utilized in the fields of robotics and medical prosthetics. As a result, key manufacturers are developing non-contact and wireless sensors, which can be merged with surface acoustic wave (SAW) detection systems. Moreover, technological advancements have resulted in the integration of wireless and digital features in torque sensors. Furthermore, the growing need for [electric vehicle](#) that run on electrical power and offer fuel efficiency are creating positive opportunities for the market.

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Market Summary:

Based on the type, the market has been segmented into rotary and reaction torque sensors.

On the basis of technology, the market has been classified into surface acoustic wave (SAW), optical, strain gauge, and others.

The market has been categorized based on the application into aerospace and defense, automotive, testing and measurement, healthcare, and others.

Region-wise, the market has been divided into North America (the United States and Canada), Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others), Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others), Latin America (Brazil, Mexico, and others), and Middle East and Africa.

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Elena Anderson

IMARC Services Private Limited

+1 631-791-1145

[email us here](#)

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