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Global Total Station Market Size study, By Offering (Hardware, Services), By Type (Manual, Robotic), By Application (Construction, Transportation, Utilities, Oil & Gas, Mining, Agriculture, Others) and Regional Forecasts 2021-2027

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Abstracts

Global Total Station Market is valued approximately USD 1.70 Billion in 2020 and is anticipated to grow with a healthy growth rate of more than 6.30% over the forecast period 2021-2027.

The total station is also known as total station theodolite (TST), is an optical or electrical instrument, which is used for surveying construction and measuring sloping distance. It is highly adopted by the construction industry for various application segments such as mining, agriculture, transportation, utilities, and many others. The total station devices present various advantages such as higher precision, reducing errors, enhanced functionality, etc. The growing demand for the modernized construction plan, rising adoption of the 3D modeling in surveying technology, as well as surging demand for quick and precise measurement across rail applications is fostering market growth across the globe. For instance, in 2020, Hexagon subsidiary Leica Geosystems launched its new Leica Nova TS60. The product is equipped with DynamicLock, facilitating the instrument to lock onto a moving prism, and developed with AutoHeight, supporting consumers to get the instrument's height with a simple button press. Thereby, with the help of these associated proficiencies, the TS60 offers the most precise total station for curtailing risks of interruption and unpredicted costs and delays. Thereby, the introduction of novel technologies will propel the product demand of the total station. However, environmental conditions affecting the measurement impede the growth of the market over the forecast period of 2021-2027. Also, enhancement in accuracy and enhancement in performance, along with the integration of terrestrial laser

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scanners is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Total Station market study includes Asia Pacific, North America, Europe, Latin America and the Rest of the World. Asia-Pacific is the leading region across the world in terms of market share owing to the rising number of smart city developments projects, along with increasing adoption of the total station for highway and roadway management, transportation planning, and forestry management. Whereas, North America is anticipated to exhibit considerable growth over the forecast period 2021-2027. Factors such as the better availability of competent professions, and rising investment by the chief players for the development of the cost-effective techniques would create lucrative growth prospects for the Total Station market across the region.

Major market player included in this report are:
Suzhou FOIF Co.
Hi-Target Surveying Instrument Co.
Topcon Corporation
Maple International Instrument
Guangdong Kolida Instrument Co.
Changzhou Dadi Surveying Science & Technology Co.
Hexagon
North Group
Survey Instruments Services
Trimble

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 Offering
Hardware
Services
By Type

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Manual
Robotic
By Application
Construction
Transportation
Utilities
Oil & Gas
Mining
Agriculture
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 – 2018, 2019
Base year – 2020

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Forecast period – 2021 to 2027

Target Audience of the Global Total Station 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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