

Global Torsion Tester Market Size study, By Type (Electromechanical, Electric and Servo Hydraulic), Frequency Range (Below 10 Hz, 10-15 Hz and Above 15 Hz), By Material Type (Plastic Torsion Testers, Wood Torsion Testers, Composite Torsion Testers, Metal Torsion Testers), By End Use Industries (Building & Construction, Automotive, Aerospace, Medical Applications, Metal Fabrication, Other Applications), and Regional Forecasts 2022-2028

<https://marketpublishers.com/r/GC2CCF0BE1ECEN.html>

Date: June 2022

Pages: 200

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

ID: GC2CCF0BE1ECEN

Abstracts

Global Torsion Tester Market is valued approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. The Torsion Tester refers testing machine utilized for conducting torsion and twist on various metal wires, tubes, sheet materials. Torsional testing is performed by applying both axial (tension or compression) and torsional forces. It is used for measuring different parameters such as torsional shear stress of a shaft, maximum torque, shear modulus, and breaking angle of a material among others. The growing construction industry and increasing adoption of automobiles as well as recent product launches are factors that are accelerating the global market demand. For instance, according to Oxford Economics- in 2020, global construction output was valued at USD10.7 trillion, and the output is projected to grow by 42% between 2020 & 2030 to reach to USD 15.2 trillion by end of 2030. Furthermore, companies are coming up with new products to capitalize increasing demand for torsion tester across different industries. For instance, in February 2021, Instron launched new Torsion Add-On 3.0 for universal testing systems. This new Torsion Add-On 3.0 can be configured with any new or existing 6800 or 5900 Series universal testing system. Also, growing metal

fabrication industry and rising technological advancements are anticipated to act as a catalyzing factor for the market demand during the forecast period. However, volatile cost of raw materials impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Torsion Tester Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to presence of leading market players and growing automobile sector in the region. Whereas, Asia Pacific is anticipated to exhibit a significant growth rate over the forecast period 2022-2028. Factors such as rising construction sector and rapid industrialization in the region, would create lucrative growth prospects for the global Torsion Tester Market across the Asia Pacific region.

Major market players included in this report are:

Instron Corporation

ADMET, Inc.

Tinius Olsen

ZwickRoell

SHIMADZU Corporation

MTS Systems

Kokusai, USA

GUNT Gerätebau GmbH

Fuel Instruments and Engineers Pvt. Ltd.

FORM+TEST Seidner&Co. GmbH

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 Type:

Electromechanical

Electric

Servo Hydraulic

By Frequency Range:

Below 10 Hz

10-15 Hz

above 15 Hz

By Material Type:

Plastic Torsion Testers

Wood Torsion Testers

Composite Torsion Testers

Metal Torsion Testers

By End Use Industries:

Building & Construction

Automotive

Aerospace

Medical Applications

Metal Fabrication

Other Applications

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, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Torsion Tester 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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