+357 96 030922
info@marketpublishers.com

Package Impact Tester Market Forecasts to 2032 – Global Analysis By Product Type (Pendulum Impact Testers, Drop Weight Impact Testers, Rebound Resilience Testers, Tubular Impact Testers and Other Product Types), Product Form Factor (Bench / Tabletop Testers, Floor-Standing / Industrial Testers and Portable / Field Testers), Material, Technology, Application and By Geography

https://marketpublishers.com/r/P066FC164027EN.html
Date: September 2025
Pages: 200
Price: US$ 4,150.00 (Single User License)
ID: P066FC164027EN

Abstracts

According to Stratistics MRC, the Global Package Impact Tester Market is accounted for $1.27 billion in 2025 and is expected to reach $1.98 billion by 2032 growing at a CAGR of 6.5% during the forecast period. Package Impact Tester is a specialized device used to evaluate the durability and protective performance of packaging materials under simulated impact conditions. It assesses how well a package can withstand drops, collisions, or other mechanical shocks during handling and transportation. By replicating real-world stress scenarios, the tester helps manufacturers ensure product safety, optimize packaging design, and comply with industry standards. This testing is crucial for minimizing damage, reducing costs, and maintaining customer satisfaction across supply chains.

Market Dynamics:

Driver:

Massive growth of online shopping

+357 96 030922
info@marketpublishers.com

As products are shipped across vast geographies, ensuring package integrity during transit has become a top priority for retailers and logistics providers. Package impact testers are essential for validating the durability of packaging materials against drops, vibrations, and shocks. This surge in online retail has prompted manufacturers to adopt advanced testing technologies to meet global shipping standards. Moreover, consumer expectations for damage-free deliveries are pushing companies to invest in high-performance testing systems.

Restraint:

Need for skilled professionals

The shortage of trained personnel capable of handling automated testing systems and analyzing complex data sets poses a challenge to market expansion. Many small and medium enterprises struggle to recruit or train professionals with the necessary technical background. Additionally, the integration of digital tools and software in testing equipment demands cross-functional skills in both engineering and data analytics. This skill gap can lead to underutilization of equipment and inefficiencies in quality assurance processes.

Opportunity:

Expansion in emerging economies

As local manufacturers aim to meet international packaging standards, the demand for impact testers is gaining momentum. Government initiatives promoting exports and quality certification are further encouraging companies to adopt standardized testing protocols. The rise of domestic e-commerce platforms and increased consumer spending are also contributing to the need for reliable packaging validation. These regions offer untapped potential for global players to expand their footprint and introduce cost-effective testing technologies.

Threat:

Outsourcing of testing services

Many companies prefer external testing services to avoid the capital investment and maintenance costs associated with owning testing machinery. This shift is particularly prevalent among startups and small-scale manufacturers who prioritize operational

+357 96 030922
info@marketpublishers.com

flexibility. Additionally, outsourcing allows businesses to access a broader range of testing capabilities without the burden of in-house infrastructure.

Covid-19 Impact:

The COVID-19 pandemic disrupted global supply chains, affecting the production and distribution of package testing equipment. However, it also highlighted the importance of secure packaging, especially for essential goods and medical supplies. The surge in online shopping during lockdowns accelerated the need for impact testing to ensure product safety during delivery. Manufacturers adapted by investing in automated and remote testing solutions to maintain quality control while adhering to social distancing norms.

The pendulum impact testers segment is expected to be the largest during the forecast period

The pendulum impact testers segment is expected to account for the largest market share during the forecast period due to their precision and reliability in measuring material toughness. These testers are widely used across industries to assess the resistance of packaging materials to sudden impacts. Their ability to deliver consistent results under controlled conditions makes them a preferred choice for quality assurance teams. Technological enhancements, such as digital readouts and automated calibration, have further improved their usability.

The paper & paperboard segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the paper & paperboard segment is predicted to witness the highest growth rate driven by the global shift toward sustainable packaging. As companies move away from plastic, paper-based materials are gaining popularity for their recyclability and biodegradability. This transition necessitates rigorous impact testing to ensure that eco-friendly packaging can withstand transportation stresses. Innovations in paper engineering, such as reinforced fiber structures and moisture-resistant coatings, are expanding the applicability of paperboard in diverse sectors.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share owing to advanced manufacturing infrastructure and stringent regulatory

+357 96 030922
info@marketpublishers.com

standards. The region’s strong presence in e-commerce, pharmaceuticals, and food industries drives consistent demand for reliable packaging validation tools. Key players in the U.S. and Canada are investing in R&D to develop next-generation testing equipment with enhanced automation and data analytics capabilities.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR fueled by booming industrial activity and expanding consumer markets. Countries like China, India, and Indonesia are witnessing a surge in packaging innovation, driven by rising exports and domestic consumption. The proliferation of online retail platforms and increased awareness of packaging standards are accelerating the adoption of impact testers. Government support for manufacturing excellence and quality certification is also contributing to market growth.

Key players in the market

Some of the key players in Package Impact Tester Market include Instron, AMETEK Inc., MTS Systems Corporation, Presto Group, Labthink Instruments Co. Ltd., Lansmont Corporation, SGS SA, Intertek Group plc, T?V S?D, Br?el & Kj?r, Rycobel NV, Qualitest International Inc., ZwickRoell GmbH & Co. KG, Industrial Physics, Thwing-Albert Instrument Company, Haida International Equipment Co., Ltd., Chant Engineering Co. Inc., Messmer B?chel BV, Torontech Inc., and Cleveland Instruments.

Key Developments:

In September 2025, SGS acquired Fulcrum Robotics in Australia, adding aerial, marine, and terrestrial drone inspection services to its portfolio. This strengthens SGS’s position in remote inspection and robotics-based testing.

In August 2025, Presto partnered with Blink Charging to integrate EV fleet charging into its app, improving access to Blink’s fast-charging network. Fleet drivers can now locate, charge, and pay seamlessly, enhancing EV infrastructure nationwide.

In February 2025, Presto launched an industry-first menu unification product for drive-thru Voice AI, enhancing upselling capabilities across QSR brands. This innovation streamlines voice interactions and boosts scalability for restaurant chains.

Product Types Covered:

+357 96 030922
info@marketpublishers.com

- Pendulum Impact Testers
- Drop Weight Impact Testers
- Rebound Resilience Testers
- Tubular Impact Testers
- Other Product Types

Product Form Factors Covered:

- Bench / Tabletop Testers
- Floor-Standing / Industrial Testers
- Portable / Field Testers

Materials Covered:

- Plastic
- Paper & Paperboard
- Metal
- Glass
- Composite & Non-metallic Materials
- Other Materials

Technologies Covered:

- Physical Testing

+357 96 030922
info@marketpublishers.com

- Chemical Testing
- Performance Testing
- Microbiological Testing
- Other Technologies

Applications Covered:

- Food & Beverage
- Pharmaceuticals & Healthcare
- E-commerce
- Personal Care & Cosmetics
- General Manufacturing
- Construction
- Other Applications

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany

+357 96 030922
info@marketpublishers.com

- UK
- Italy
- France
- Spain
- Rest of Europe

Asia Pacific

- Japan
- China
- India
- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

- Argentina
- Brazil
- Chile
- Rest of South America

Middle East & Africa

+357 96 030922
info@marketpublishers.com

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

+357 96 030922
info@marketpublishers.com

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

5 GLOBAL PACKAGE IMPACT TESTER MARKET, BY PRODUCT TYPE

6 GLOBAL PACKAGE IMPACT TESTER MARKET, BY PRODUCT FORM FACTOR

7 GLOBAL PACKAGE IMPACT TESTER MARKET, BY MATERIAL

8 GLOBAL PACKAGE IMPACT TESTER MARKET, BY TECHNOLOGY

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

11 KEY DEVELOPMENTS

12 COMPANY PROFILING

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Package Impact Tester Market Forecasts to 2032 – Global Analysis By Product Type (Pendulum Impact Testers, Drop Weight Impact Testers, Rebound Resilience Testers, Tubular Impact Testers and Other Product Types), Product Form Factor (Bench / Tabletop Testers, Floor-Standing / Industrial Testers and Portable / Field Testers), Material, Technology, Application and By Geography

Product link: https://marketpublishers.com/r/P066FC164027EN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/P066FC164027EN.html