



Universal Testing Machine Industry Research Report 2026

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Description

A universal testing machine is used to subject a material sample or structure to either tension or compression for the purposes of experimentally determining certain engineering properties or characteristics, other functions such as bending, shear. These properties generally deal with the yield strength of a material, ultimate or failure strength or a material or structure, or the stiffness and ductility of a material.

Global Universal Testing Machine key players include MTS, INSTRON, JINAN SHIJIN GROUP, Zwick/Roell, Shimadzu, etc. Global top five manufacturers hold a share over 45%.

North America is the largest market, with a share over 30%, followed by China and Europe, both have a share over 55%.

In terms of product, Hydraulic UTM is the largest segment, with a share over 65%. And in terms of application, the largest application is Automobile Manufacturing, with a share over 16%.

Report Scope

This report quantifies the global Universal Testing Machine market in revenue (US\$ million) and, where applicable, sales volume (Units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/Units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Universal Testing Machine.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Universal Testing Machine Market by Company

MTS

INSTRON

Zwick/Roell

Shimadzu

ADMET

Hegewald & Peschke

AMETEK(Lloyd)

Torontech Group

Keysight Technologies

Qualitest International

Tinius Olsen

Applied Test Systems

ETS Intarlaken

JINAN SHIJIN GROUP

Suns

TENSON

Changchun Kexin Test Instrument

WANCE Group

Shanghai Hualong

Tianshui Hongshan

Laizhou Huayin

Shenzhen Reger

Hung Ta

Shandong Drick

Jinan Kehui

Jinan Fine

Jinan Liangong

HRJ

Jinan Tianchen Testing Machine Manufacturing

Walter+Bai AG

Universal Testing Machine Segment by Type

Electromechanical UTM

Hydraulic UTM

Universal Testing Machine Segment by Application

Automobile Manufacturing

Aviation and Military

Universities, Research laboratories and Institutes

Electronics

Metallurgical Smelting

Others

Universal Testing Machine Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia
Spain
Netherlands
Switzerland
Sweden
Poland
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America
Brazil
Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Universal Testing Machine market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Universal Testing Machine and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Universal Testing Machine.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Universal Testing Machine manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Universal Testing Machine by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Universal Testing Machine in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Universal Testing Machine by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Electromechanical UTM
 - 2.2.3 Hydraulic UTM
- 2.3 Universal Testing Machine by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Automobile Manufacturing
 - 2.3.3 Aviation and Military
 - 2.3.4 Universities, Research laboratories and Institutes
 - 2.3.5 Electronics
 - 2.3.6 Metallurgical Smelting
 - 2.3.7 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Universal Testing Machine Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Universal Testing Machine Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Universal Testing Machine Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Universal Testing Machine Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Universal Testing Machine Production by Manufacturers (2021-2026)
- 3.2 Global Universal Testing Machine Production Value by Manufacturers (2021-2026)
- 3.3 Global Universal Testing Machine Average Price by Manufacturers (2021-2026)
- 3.4 Global Universal Testing Machine Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Universal Testing Machine Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Universal Testing Machine Manufacturers, Product Type & Application
- 3.7 Global Universal Testing Machine Manufacturers Established Date
- 3.8 Global Universal Testing Machine Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 MTS
 - 4.1.1 MTS Universal Testing Machine Company Information
 - 4.1.2 MTS Universal Testing Machine Business Overview
 - 4.1.3 MTS Universal Testing Machine Production, Value and Gross Margin (2021-2026)
 - 4.1.4 MTS Product Portfolio

4.1.5 MTS Recent Developments

4.2 INSTRON

4.2.1 INSTRON Universal Testing Machine Company Information

4.2.2 INSTRON Universal Testing Machine Business Overview

4.2.3 INSTRON Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.2.4 INSTRON Product Portfolio

4.2.5 INSTRON Recent Developments

4.3 Zwick/Roell

4.3.1 Zwick/Roell Universal Testing Machine Company Information

4.3.2 Zwick/Roell Universal Testing Machine Business Overview

4.3.3 Zwick/Roell Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.3.4 Zwick/Roell Product Portfolio

4.3.5 Zwick/Roell Recent Developments

4.4 Shimadzu

4.4.1 Shimadzu Universal Testing Machine Company Information

4.4.2 Shimadzu Universal Testing Machine Business Overview

4.4.3 Shimadzu Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.4.4 Shimadzu Product Portfolio

4.4.5 Shimadzu Recent Developments

4.5 ADMET

4.5.1 ADMET Universal Testing Machine Company Information

4.5.2 ADMET Universal Testing Machine Business Overview

4.5.3 ADMET Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.5.4 ADMET Product Portfolio

4.5.5 ADMET Recent Developments

4.6 Hegewald & Peschke

4.6.1 Hegewald & Peschke Universal Testing Machine Company Information

4.6.2 Hegewald & Peschke Universal Testing Machine Business Overview

4.6.3 Hegewald & Peschke Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.6.4 Hegewald & Peschke Product Portfolio

4.6.5 Hegewald & Peschke Recent Developments

4.7 AMETEK(Lloyd)

4.7.1 AMETEK(Lloyd) Universal Testing Machine Company Information

4.7.2 AMETEK(Lloyd) Universal Testing Machine Business Overview

4.7.3 AMETEK(Lloyd) Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.7.4 AMETEK(Lloyd) Product Portfolio

4.7.5 AMETEK(Lloyd) Recent Developments

4.8 Torontech Group

4.8.1 Torontech Group Universal Testing Machine Company Information

4.8.2 Torontech Group Universal Testing Machine Business Overview

4.8.3 Torontech Group Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.8.4 Torontech Group Product Portfolio

4.8.5 Torontech Group Recent Developments

4.9 Keysight Technologies

4.9.1 Keysight Technologies Universal Testing Machine Company Information

4.9.2 Keysight Technologies Universal Testing Machine Business Overview

4.9.3 Keysight Technologies Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.9.4 Keysight Technologies Product Portfolio

4.9.5 Keysight Technologies Recent Developments

4.10 Qualitest International

4.10.1 Qualitest International Universal Testing Machine Company Information

4.10.2 Qualitest International Universal Testing Machine Business Overview

4.10.3 Qualitest International Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.10.4 Qualitest International Product Portfolio

4.10.5 Qualitest International Recent Developments

4.11 Tinius Olsen

4.11.1 Tinius Olsen Universal Testing Machine Company Information

4.11.2 Tinius Olsen Universal Testing Machine Business Overview

4.11.3 Tinius Olsen Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.11.4 Tinius Olsen Product Portfolio

4.11.5 Tinius Olsen Recent Developments

4.12 Applied Test Systems

4.12.1 Applied Test Systems Universal Testing Machine Company Information

4.12.2 Applied Test Systems Universal Testing Machine Business Overview

4.12.3 Applied Test Systems Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.12.4 Applied Test Systems Product Portfolio

4.12.5 Applied Test Systems Recent Developments

4.13 ETS Intarlaken

4.13.1 ETS Intarlaken Universal Testing Machine Company Information

4.13.2 ETS Intarlaken Universal Testing Machine Business Overview

4.13.3 ETS Intarlaken Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.13.4 ETS Intarlaken Product Portfolio

4.13.5 ETS Intarlaken Recent Developments

4.14 JINAN SHIJIN GROUP

4.14.1 JINAN SHIJIN GROUP Universal Testing Machine Company Information

4.14.2 JINAN SHIJIN GROUP Universal Testing Machine Business Overview

4.14.3 JINAN SHIJIN GROUP Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.14.4 JINAN SHIJIN GROUP Product Portfolio

4.14.5 JINAN SHIJIN GROUP Recent Developments

4.15 Suns

4.15.1 Suns Universal Testing Machine Company Information

4.15.2 Suns Universal Testing Machine Business Overview

4.15.3 Suns Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.15.4 Suns Product Portfolio

4.15.5 Suns Recent Developments

4.16 TENSON

4.16.1 TENSON Universal Testing Machine Company Information

4.16.2 TENSON Universal Testing Machine Business Overview

4.16.3 TENSON Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.16.4 TENSON Product Portfolio

4.16.5 TENSON Recent Developments

4.17 Changchun Kexin Test Instrument

4.17.1 Changchun Kexin Test Instrument Universal Testing Machine Company Information

4.17.2 Changchun Kexin Test Instrument Universal Testing Machine Business Overview

4.17.3 Changchun Kexin Test Instrument Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.17.4 Changchun Kexin Test Instrument Product Portfolio

4.17.5 Changchun Kexin Test Instrument Recent Developments

4.18 WANCE Group

4.18.1 WANCE Group Universal Testing Machine Company Information

4.18.2 WANCE Group Universal Testing Machine Business Overview

4.18.3 WANCE Group Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.18.4 WANCE Group Product Portfolio

4.18.5 WANCE Group Recent Developments

4.19 Shanghai Hualong

4.19.1 Shanghai Hualong Universal Testing Machine Company Information

4.19.2 Shanghai Hualong Universal Testing Machine Business Overview

4.19.3 Shanghai Hualong Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.19.4 Shanghai Hualong Product Portfolio

4.19.5 Shanghai Hualong Recent Developments

4.20 Tianshui Hongshan

4.20.1 Tianshui Hongshan Universal Testing Machine Company Information

4.20.2 Tianshui Hongshan Universal Testing Machine Business Overview

4.20.3 Tianshui Hongshan Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.20.4 Tianshui Hongshan Product Portfolio

4.20.5 Tianshui Hongshan Recent Developments

4.21 Laizhou Huayin

4.21.1 Laizhou Huayin Universal Testing Machine Company Information

4.21.2 Laizhou Huayin Universal Testing Machine Business Overview

4.21.3 Laizhou Huayin Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.21.4 Laizhou Huayin Product Portfolio

4.21.5 Laizhou Huayin Recent Developments

4.22 Shenzhen Reger

4.22.1 Shenzhen Reger Universal Testing Machine Company Information

4.22.2 Shenzhen Reger Universal Testing Machine Business Overview

4.22.3 Shenzhen Reger Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.22.4 Shenzhen Reger Product Portfolio

4.22.5 Shenzhen Reger Recent Developments

4.23 Hung Ta

4.23.1 Hung Ta Universal Testing Machine Company Information

4.23.2 Hung Ta Universal Testing Machine Business Overview

4.23.3 Hung Ta Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.23.4 Hung Ta Product Portfolio

4.23.5 Hung Ta Recent Developments

4.24 Shandong Drick

4.24.1 Shandong Drick Universal Testing Machine Company Information

4.24.2 Shandong Drick Universal Testing Machine Business Overview

4.24.3 Shandong Drick Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.24.4 Shandong Drick Product Portfolio

4.24.5 Shandong Drick Recent Developments

4.25 Jinan Kehui

4.25.1 Jinan Kehui Universal Testing Machine Company Information

4.25.2 Jinan Kehui Universal Testing Machine Business Overview

4.25.3 Jinan Kehui Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.25.4 Jinan Kehui Product Portfolio

4.25.5 Jinan Kehui Recent Developments

4.26 Jinan Fine

4.26.1 Jinan Fine Universal Testing Machine Company Information

4.26.2 Jinan Fine Universal Testing Machine Business Overview

4.26.3 Jinan Fine Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.26.4 Jinan Fine Product Portfolio

4.26.5 Jinan Fine Recent Developments

4.27 Jinan Liangong

4.27.1 Jinan Liangong Universal Testing Machine Company Information

4.27.2 Jinan Liangong Universal Testing Machine Business Overview

4.27.3 Jinan Liangong Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.27.4 Jinan Liangong Product Portfolio

4.27.5 Jinan Liangong Recent Developments

4.28 HRJ

4.28.1 HRJ Universal Testing Machine Company Information

4.28.2 HRJ Universal Testing Machine Business Overview

4.28.3 HRJ Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.28.4 HRJ Product Portfolio

4.28.5 HRJ Recent Developments

4.29 Jinan Tianchen Testing Machine Manufacturing

4.29.1 Jinan Tianchen Testing Machine Manufacturing Universal Testing Machine Company Information

4.29.2 Jinan Tianchen Testing Machine Manufacturing Universal Testing Machine Business Overview

4.29.3 Jinan Tianchen Testing Machine Manufacturing Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.29.4 Jinan Tianchen Testing Machine Manufacturing Product Portfolio

4.29.5 Jinan Tianchen Testing Machine Manufacturing Recent Developments

7.30 Walter+Bai AG

4.30.1 Walter+Bai AG Universal Testing Machine Company Information

4.30.2 Walter+Bai AG Universal Testing Machine Business Overview

4.30.3 Walter+Bai AG Universal Testing Machine Production, Value and Gross Margin (2021-2026)

4.30.4 Walter+Bai AG Product Portfolio

4.30.5 Walter+Bai AG Recent Developments

5 Global Universal Testing Machine Production by Region

5.1 Global Universal Testing Machine Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.2 Global Universal Testing Machine Production by Region: 2021-2032

5.2.1 Global Universal Testing Machine Production by Region: 2021-2026

5.2.2 Global Universal Testing Machine Production Forecast by Region (2027-2032)

5.3 Global Universal Testing Machine Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.4 Global Universal Testing Machine Production Value by Region: 2021-2032

5.4.1 Global Universal Testing Machine Production Value by Region: 2021-2026

5.4.2 Global Universal Testing Machine Production Value Forecast by Region (2027-2032)

5.5 Global Universal Testing Machine Market Price Analysis by Region (2021-2026)

5.6 Global Universal Testing Machine Production and Value, YOY Growth

5.6.1 North America Universal Testing Machine Production Value Estimates and Forecasts (2021-2032)

5.6.2 Europe Universal Testing Machine Production Value Estimates and Forecasts (2021-2032)

5.6.3 China Universal Testing Machine Production Value Estimates and Forecasts (2021-2032)

5.6.4 Japan Universal Testing Machine Production Value Estimates and Forecasts (2021-2032)

6 Global Universal Testing Machine Consumption by Region

6.1 Global Universal Testing Machine Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

6.2 Global Universal Testing Machine Consumption by Region (2021-2032)

6.2.1 Global Universal Testing Machine Consumption by Region: 2021-2026

6.2.2 Global Universal Testing Machine Forecasted Consumption by Region (2027-2032)

6.3 North America

6.3.1 North America Universal Testing Machine Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.3.2 North America Universal Testing Machine Consumption by Country (2021-2032)

6.3.3 United States

6.3.4 Canada

6.3.5 Mexico

6.4 Europe

6.4.1 Europe Universal Testing Machine Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.4.2 Europe Universal Testing Machine Consumption by Country (2021-2032)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.4.8 Spain

6.4.9 Netherlands

6.4.10 Switzerland

6.4.11 Sweden

6.4.12 Poland

6.5 Asia Pacific

6.5.1 Asia Pacific Universal Testing Machine Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific Universal Testing Machine Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Universal Testing Machine Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Universal Testing Machine Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

7 Segment by Type

7.1 Global Universal Testing Machine Production by Type (2021-2032)

7.1.1 Global Universal Testing Machine Production by Type (2021-2032) & (Units)

7.1.2 Global Universal Testing Machine Production Market Share by Type (2021-2032)

7.2 Global Universal Testing Machine Production Value by Type (2021-2032)

7.2.1 Global Universal Testing Machine Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global Universal Testing Machine Production Value Market Share by Type (2021-2032)

7.3 Global Universal Testing Machine Price by Type (2021-2032)

8 Segment by Application

8.1 Global Universal Testing Machine Production by Application (2021-2032)

8.1.1 Global Universal Testing Machine Production by Application (2021-2032) & (Units)

8.1.2 Global Universal Testing Machine Production Market Share by Application (2021-2032)

8.2 Global Universal Testing Machine Production Value by Application (2021-2032)

8.2.1 Global Universal Testing Machine Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Universal Testing Machine Production Value Market Share by Application (2021-2032)

8.3 Global Universal Testing Machine Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 Universal Testing Machine Value Chain Analysis

9.1.1 Universal Testing Machine Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Universal Testing Machine Production Mode & Process

9.2 Universal Testing Machine Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Universal Testing Machine Distributors

9.2.3 Universal Testing Machine Customers

10 Global Universal Testing Machine Analyzing Market Dynamics

10.1 Universal Testing Machine Industry Trends

10.2 Universal Testing Machine Industry Drivers

10.3 Universal Testing Machine Industry Opportunities and Challenges

10.4 Universal Testing Machine Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Universal Testing Machine Production by Manufacturers (Units) & (2021-2026)
- Table 6: Global Universal Testing Machine Production Market Share by Manufacturers
- Table 7: Global Universal Testing Machine Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Universal Testing Machine Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Universal Testing Machine Average Price (USD/Unit) of Manufacturers (2021-2026)
- Table 10: Global Universal Testing Machine Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Universal Testing Machine Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Universal Testing Machine Manufacturers, Product Type & Application
- Table 13: Global Universal Testing Machine Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Universal Testing Machine by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: MTS Company Information
- Table 18: MTS Business Overview
- Table 19: MTS Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 20: MTS Universal Testing Machine Product Portfolio
- Table 21: MTS Recent Development
- Table 22: INSTRON Company Information
- Table 23: INSTRON Business Overview
- Table 24: INSTRON Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 25: INSTRON Universal Testing Machine Product Portfolio
- Table 26: INSTRON Recent Development
- Table 27: Zwick/Roell Company Information
- Table 28: Zwick/Roell Business Overview
- Table 29: Zwick/Roell Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 30: Zwick/Roell Universal Testing Machine Product Portfolio
- Table 31: Zwick/Roell Recent Development
- Table 32: Shimadzu Company Information
- Table 33: Shimadzu Business Overview
- Table 34: Shimadzu Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 35: Shimadzu Universal Testing Machine Product Portfolio
- Table 36: Shimadzu Recent Development
- Table 37: ADMET Company Information
- Table 38: ADMET Business Overview
- Table 39: ADMET Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 40: ADMET Universal Testing Machine Product Portfolio
- Table 41: ADMET Recent Development
- Table 42: Hegewald & Peschke Company Information
- Table 43: Hegewald & Peschke Business Overview
- Table 44: Hegewald & Peschke Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 45: Hegewald & Peschke Universal Testing Machine Product Portfolio
- Table 46: Hegewald & Peschke Recent Development
- Table 47: AMETEK(Lloyd) Company Information
- Table 48: AMETEK(Lloyd) Business Overview

- Table 49: AMETEK(Lloyd) Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 50: AMETEK(Lloyd) Universal Testing Machine Product Portfolio
- Table 51: AMETEK(Lloyd) Recent Development
- Table 52: Torontech Group Company Information
- Table 53: Torontech Group Business Overview
- Table 54: Torontech Group Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 55: Torontech Group Universal Testing Machine Product Portfolio
- Table 56: Torontech Group Recent Development
- Table 57: Keysight Technologies Company Information
- Table 58: Keysight Technologies Business Overview
- Table 59: Keysight Technologies Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 60: Keysight Technologies Universal Testing Machine Product Portfolio
- Table 61: Keysight Technologies Recent Development
- Table 62: Qualitest International Company Information
- Table 63: Qualitest International Business Overview
- Table 64: Qualitest International Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 65: Qualitest International Universal Testing Machine Product Portfolio
- Table 66: Qualitest International Recent Development
- Table 67: Tinius Olsen Company Information
- Table 68: Tinius Olsen Business Overview
- Table 69: Tinius Olsen Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 70: Tinius Olsen Universal Testing Machine Product Portfolio
- Table 71: Tinius Olsen Recent Development
- Table 72: Applied Test Systems Company Information
- Table 73: Applied Test Systems Business Overview
- Table 74: Applied Test Systems Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 75: Applied Test Systems Universal Testing Machine Product Portfolio
- Table 76: Applied Test Systems Recent Development
- Table 77: ETS Intarlaken Company Information
- Table 78: ETS Intarlaken Business Overview
- Table 79: ETS Intarlaken Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 80: ETS Intarlaken Universal Testing Machine Product Portfolio
- Table 81: ETS Intarlaken Recent Development
- Table 82: JINAN SHIJIN GROUP Company Information
- Table 83: JINAN SHIJIN GROUP Business Overview
- Table 84: JINAN SHIJIN GROUP Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 85: JINAN SHIJIN GROUP Universal Testing Machine Product Portfolio
- Table 86: JINAN SHIJIN GROUP Recent Development
- Table 87: Suns Company Information
- Table 88: Suns Business Overview
- Table 89: Suns Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 90: Suns Universal Testing Machine Product Portfolio
- Table 91: Suns Recent Development
- Table 92: TENSION Company Information
- Table 93: TENSION Business Overview
- Table 94: TENSION Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 95: TENSION Universal Testing Machine Product Portfolio
- Table 96: TENSION Recent Development
- Table 97: Changchun Kexin Test Instrument Company Information
- Table 98: Changchun Kexin Test Instrument Business Overview
- Table 99: Changchun Kexin Test Instrument Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 100: Changchun Kexin Test Instrument Universal Testing Machine Product Portfolio
- Table 101: Changchun Kexin Test Instrument Recent Development
- Table 102: WANCE Group Company Information

- Table 103: WANCE Group Business Overview
- Table 104: WANCE Group Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 105: WANCE Group Universal Testing Machine Product Portfolio
- Table 106: WANCE Group Recent Development
- Table 107: Shanghai Hualong Company Information
- Table 108: Shanghai Hualong Business Overview
- Table 109: Shanghai Hualong Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 110: Shanghai Hualong Universal Testing Machine Product Portfolio
- Table 111: Shanghai Hualong Recent Development
- Table 112: Tianshui Hongshan Company Information
- Table 113: Tianshui Hongshan Business Overview
- Table 114: Tianshui Hongshan Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 115: Tianshui Hongshan Universal Testing Machine Product Portfolio
- Table 116: Tianshui Hongshan Recent Development
- Table 117: Laizhou Huayin Company Information
- Table 118: Laizhou Huayin Business Overview
- Table 119: Laizhou Huayin Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 120: Laizhou Huayin Universal Testing Machine Product Portfolio
- Table 121: Laizhou Huayin Recent Development
- Table 122: Shenzhen Reger Company Information
- Table 123: Shenzhen Reger Business Overview
- Table 124: Shenzhen Reger Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 125: Shenzhen Reger Universal Testing Machine Product Portfolio
- Table 126: Shenzhen Reger Recent Development
- Table 127: Hung Ta Company Information
- Table 128: Hung Ta Business Overview
- Table 129: Hung Ta Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 130: Hung Ta Universal Testing Machine Product Portfolio
- Table 131: Hung Ta Recent Development
- Table 132: Shandong Drick Company Information
- Table 133: Shandong Drick Business Overview
- Table 134: Shandong Drick Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 135: Shandong Drick Universal Testing Machine Product Portfolio
- Table 136: Shandong Drick Recent Development
- Table 137: Jinan Kehui Company Information
- Table 138: Jinan Kehui Business Overview
- Table 139: Jinan Kehui Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 140: Jinan Kehui Universal Testing Machine Product Portfolio
- Table 141: Jinan Kehui Recent Development
- Table 142: Jinan Fine Company Information
- Table 143: Jinan Fine Business Overview
- Table 144: Jinan Fine Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 145: Jinan Fine Universal Testing Machine Product Portfolio
- Table 146: Jinan Fine Recent Development
- Table 147: Jinan Liangong Company Information
- Table 148: Jinan Liangong Business Overview
- Table 149: Jinan Liangong Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 150: Jinan Liangong Universal Testing Machine Product Portfolio
- Table 151: Jinan Liangong Recent Development
- Table 152: HRJ Company Information
- Table 153: HRJ Business Overview
- Table 154: HRJ Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 155: HRJ Universal Testing Machine Product Portfolio
- Table 156: HRJ Recent Development

- Table 157: Jinan Tianchen Testing Machine Manufacturing Company Information
- Table 158: Jinan Tianchen Testing Machine Manufacturing Business Overview
- Table 159: Jinan Tianchen Testing Machine Manufacturing Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 160: Jinan Tianchen Testing Machine Manufacturing Universal Testing Machine Product Portfolio
- Table 161: Jinan Tianchen Testing Machine Manufacturing Recent Development
- Table 162: Walter+Bai AG Company Information
- Table 163: Walter+Bai AG Business Overview
- Table 164: Walter+Bai AG Universal Testing Machine Production (Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 165: Walter+Bai AG Universal Testing Machine Product Portfolio
- Table 166: Walter+Bai AG Recent Development
- Table 167: Global Universal Testing Machine Production Comparison by Region: 2021 VS 2025 VS 2032 (Units)
- Table 168: Global Universal Testing Machine Production by Region (2021-2026) & (Units)
- Table 169: Global Universal Testing Machine Production Market Share by Region (2021-2026)
- Table 170: Global Universal Testing Machine Production Forecast by Region (2027-2032) & (Units)
- Table 171: Global Universal Testing Machine Production Market Share Forecast by Region (2027-2032)
- Table 172: Global Universal Testing Machine Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 173: Global Universal Testing Machine Production Value by Region (2021-2026) & (US\$ Million)
- Table 174: Global Universal Testing Machine Production Value Market Share by Region (2021-2026)
- Table 175: Global Universal Testing Machine Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 176: Global Universal Testing Machine Market Average Price (USD/Unit) by Region (2021-2026)
- Table 177: Global Universal Testing Machine Market Average Price (USD/Unit) by Region (2027-2032)
- Table 178: Global Universal Testing Machine Consumption Comparison by Region: 2021 VS 2025 VS 2032 (Units)
- Table 179: Global Universal Testing Machine Consumption by Region (2021-2026) & (Units)
- Table 180: Global Universal Testing Machine Consumption Market Share by Region (2021-2026)
- Table 181: Global Universal Testing Machine Forecasted Consumption by Region (2027-2032) & (Units)
- Table 182: Global Universal Testing Machine Forecasted Consumption Market Share by Region (2027-2032)
- Table 183: North America Universal Testing Machine Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Units)
- Table 184: North America Universal Testing Machine Consumption by Country (2021-2026) & (Units)
- Table 185: North America Universal Testing Machine Consumption by Country (2027-2032) & (Units)
- Table 186: Europe Universal Testing Machine Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Units)
- Table 187: Europe Universal Testing Machine Consumption by Country (2021-2026) & (Units)
- Table 188: Europe Universal Testing Machine Consumption by Country (2027-2032) & (Units)
- Table 189: Asia Pacific Universal Testing Machine Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Units)
- Table 190: Asia Pacific Universal Testing Machine Consumption by Country (2021-2026) & (Units)
- Table 191: Asia Pacific Universal Testing Machine Consumption by Country (2027-2032) & (Units)
- Table 192: South America, Middle East & Africa Universal Testing Machine Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Units)
- Table 193: South America, Middle East & Africa Universal Testing Machine Consumption by Country (2021-2026) & (Units)
- Table 194: South America, Middle East & Africa Universal Testing Machine Consumption by Country (2027-2032) & (Units)
- Table 195: Global Universal Testing Machine Production by Type (2021-2026) & (Units)
- Table 196: Global Universal Testing Machine Production by Type (2027-2032) & (Units)
- Table 197: Global Universal Testing Machine Production Market Share by Type (2021-2026)
- Table 198: Global Universal Testing Machine Production Market Share by Type (2027-2032)
- Table 199: Global Universal Testing Machine Production Value by Type (2021-2026) & (US\$ Million)
- Table 200: Global Universal Testing Machine Production Value by Type (2027-2032) & (US\$ Million)
- Table 201: Global Universal Testing Machine Production Value Market Share by Type (2021-2026)
- Table 202: Global Universal Testing Machine Production Value Market Share by Type (2027-2032)
- Table 203: Global Universal Testing Machine Price by Type (2021-2026) & (USD/Unit)
- Table 204: Global Universal Testing Machine Price by Type (2027-2032) & (USD/Unit)
- Table 205: Global Universal Testing Machine Production by Application (2021-2026) & (Units)
- Table 206: Global Universal Testing Machine Production by Application (2027-2032) & (Units)
- Table 207: Global Universal Testing Machine Production Market Share by Application (2021-2026)
- Table 208: Global Universal Testing Machine Production Market Share by Application (2027-2032)
- Table 209: Global Universal Testing Machine Production Value by Application (2021-2026) & (US\$ Million)
- Table 210: Global Universal Testing Machine Production Value by Application (2027-2032) & (US\$ Million)
- Table 211: Global Universal Testing Machine Production Value Market Share by Application (2021-2026)
- Table 212: Global Universal Testing Machine Production Value Market Share by Application (2027-2032)
- Table 213: Global Universal Testing Machine Price by Application (2021-2026) & (USD/Unit)
- Table 214: Global Universal Testing Machine Price by Application (2027-2032) & (USD/Unit)
- Table 215: Key Raw Materials
- Table 216: Raw Materials Key Suppliers
- Table 217: Universal Testing Machine Distributors List
- Table 218: Universal Testing Machine Customers List

- Table 219: Universal Testing Machine Industry Trends
- Table 220: Universal Testing Machine Industry Drivers
- Table 221: Universal Testing Machine Industry Restraints
- Table 222: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Universal Testing Machine Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Electromechanical UTM Product Image
- Figure 7: Hydraulic UTM Product Image
- Figure 8: Automobile Manufacturing Product Image
- Figure 9: Aviation and Military Product Image
- Figure 10: Universities, Research laboratories and Institutes Product Image
- Figure 11: Electronics Product Image
- Figure 12: Metallurgical Smelting Product Image
- Figure 13: Others Product Image
- Figure 14: Global Universal Testing Machine Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 15: Global Universal Testing Machine Production Value (2021-2032) & (US\$ Million)
- Figure 16: Global Universal Testing Machine Production Capacity (2021-2032) & (Units)
- Figure 17: Global Universal Testing Machine Production (2021-2032) & (Units)
- Figure 18: Global Universal Testing Machine Average Price (USD/Unit) & (2021-2032)
- Figure 19: Global Universal Testing Machine Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 20: Global Top 5 and 10 Universal Testing Machine Players Market Share by Production Value in 2025
- Figure 21: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 22: Global Universal Testing Machine Production Comparison by Region: 2021 VS 2025 VS 2032 (Units)
- Figure 23: Global Universal Testing Machine Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 24: Global Universal Testing Machine Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 25: Global Universal Testing Machine Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 26: North America Universal Testing Machine Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: Europe Universal Testing Machine Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: China Universal Testing Machine Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: Japan Universal Testing Machine Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 30: Global Universal Testing Machine Consumption Comparison by Region: 2021 VS 2025 VS 2032 (Units)
- Figure 31: Global Universal Testing Machine Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 32: North America Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 33: North America Universal Testing Machine Consumption Market Share by Country (2021-2032)
- Figure 34: United States Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 35: United States Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 36: Canada Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 37: Mexico Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 38: Europe Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 39: Europe Universal Testing Machine Consumption Market Share by Country (2021-2032)
- Figure 40: Germany Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 41: France Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 42: U.K. Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 43: Italy Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 44: Russia Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 45: Spain Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 46: Netherlands Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 47: Switzerland Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 48: Sweden Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 49: Poland Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 50: Asia Pacific Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 51: Asia Pacific Universal Testing Machine Consumption Market Share by Country (2021-2032)
- Figure 52: China Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 53: Japan Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 54: South Korea Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 55: India Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 56: Australia Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 57: Taiwan Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)

- Figure 58: Southeast Asia Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 59: South America, Middle East & Africa Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 60: South America, Middle East & Africa Universal Testing Machine Consumption Market Share by Country (2021-2032)
- Figure 61: Brazil Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 62: Argentina Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 63: Chile Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 64: Turkey Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 65: GCC Countries Universal Testing Machine Consumption and Growth Rate (2021-2032) & (Units)
- Figure 66: Global Universal Testing Machine Production Market Share by Type (2021-2032)
- Figure 67: Global Universal Testing Machine Production Value Market Share by Type (2021-2032)
- Figure 68: Global Universal Testing Machine Price (USD/Unit) by Type (2021-2032)
- Figure 69: Global Universal Testing Machine Production Market Share by Application (2021-2032)
- Figure 70: Global Universal Testing Machine Production Value Market Share by Application (2021-2032)
- Figure 71: Global Universal Testing Machine Price (USD/Unit) by Application (2021-2032)
- Figure 72: Universal Testing Machine Value Chain
- Figure 73: Universal Testing Machine Production Mode & Process
- Figure 74: Direct Comparison with Distribution Share
- Figure 75: Distributors Profiles
- Figure 76: Universal Testing Machine Industry Opportunities and Challenges