

Automated Test Equipment - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Automated Test Equipment is accounted for \$4.74 billion in 2017 and is expected to reach \$6.40 billion by 2026 growing at a CAGR of 3.4% during the forecast period. Increasing adoption of system-on-chip and high demand for consumer electronics are expected to be the key factors driving the market growth. However, high capital investments, coupled with difficulty in interfacing the device under test (DUT) and high associated costs with automated test equipment are some of the factors hampering the market growth.

Automatic Test Equipment (ATE) is one of the most widely used circuit and device test in modern electronics. It is used in the fault detection of printed circuit board in electronics and electrical equipment and are relatively swift and faster compared to manual test methodology. It performs test on a device, known as the Device under Test (DUT) or Unit under Test (UUT), using automation to quickly perform measurements and evaluate the test results and thus ensuring quality of device. Automatic test equipment has a significant role in reducing cost of manufacturing and assisting in eliminating defective devices from market.

Based on End Users covered, aerospace & defence are one of the most favoured segments of automated test equipment, and is evolving steadily due to increasing number of users in different end-use industries. It holds a high priority in applications, as the government needs to secure the most efficient systems for ensuring safety of the nation. By geography, North America is the major market for the automated test equipment market. Many foreign firms are attracted to the United States aerospace market as it is the largest in the world, characterized by skilled and hospitable workforce, diverse offerings and extensive distribution systems. Automated test equipment further finds application in the defense sector. The defense industry in the

country has a budget allocation, which is more than the entire economy of more than half of the existing countries in the world.

Some of the key players profiled in the Automated Test Equipment include ABB Group, Contrec Ltd, Dynamic Automated Test Equipment Inc, Emerson Electric Co, Flow Systems Inc, Flowmetrics Inc, Fluidwell bv, FMC Technologies Inc, Kessler-Ellis Products(KEP), KROHNE Messtechnik GmbH, OMNI Automated Test Equipment Inc, Schlumberger Limited, Schneider Electric, Thermo Fisher Scientific Inc and Yokogawa Corporation of America.

Types Covered:

Non-Memory Chip-Based

Memory Chip Based

Discrete

Test Handlers

Mixed Signal

Digital

Other Types

Components Covered:

Industrial PC

Handler

Mass Interconnector

Probers

Semiconductor

Other Components

Technologies Covered:

Wideband Code Division Multiple Access (W-CDMA) & Radio frequency (RF)

Machine Vision

Long Term Evolution (LTE)

Optical Inspection

X-Ray Inspection

Other Technologies

End Users Covered:

Automotive

Consumer Electronics

Aerospace & Defense

IT & Telecom

Education Industry

Electronics

Manufacturing

Medical

Health Care

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

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

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

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

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 clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

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

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

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