Automated Test Equipment Market Research Report- Global Forecast to 2022

Description:

Global Automated Test Equipment Market, by Component (Industrial PC, Mass Interconnect, Handlers, Probers, Semiconductors), by Application (Consumer Electronics, Automotive, Aerospace and Defense, Telecommunication), by Type (Memory ATE, Non Memory ATE, Discreet ATE) - Forecast to 2022

Market Synopsis of Global Automated Test Equipment Market:

Market Scenario:

Globally the market of Automated Test Equipment (ATE) Market includes growing demand for efficient power management, growing demand for smartphone which is accelerating market for semiconductors, and growing market of consumer electronics among others. The major factor that drives the growth of ATE market is raising complexities in consumer electronics, reduction in manufacturing time and cost and others. Hence the market for Automated Test Equipment (ATE) is expected to grow at 3.5% CAGR (2016-2022). However, technical limitation such as high competition among the industrial manufacturer and dynamic changes in the technology are some of the major factors which are hindering the growth of Automated Test Equipment (ATE) Market.

Key Players for Global Automated Test Equipment Market:

Some of the major players in Global Automated Test Equipment Market include Chroma ATE Inc. (Taiwan), Cobham Plc (U.K.), Astronics Test Systems (U.S.), Agilent Technologies Inc. (U.S.), Teradyne Inc. (U.S.), Advantest Corporation (Japan), LTX-Credence Corporation (U.S.), Roos Instrument Inc. (U.S.), National instrument Corporation (U.S.), Marvin Test Solution Inc. (U.S.)


Segments for Global Automated Test Equipment Market:
Global Automated Test Equipment Market can be segmented as follows:

On the basis of component which comprises of industrial PC, mass interconnect, handlers, probers, and semiconductor.

On the basis of application the market is segmented into consumer electronics, automotive, aerospace and defense, telecommunication among others.

Furthermore, on the basis of type the market is segmented into memory ATE, non-memory ATE, discreet ATE.

Regional Analysis of Global Automated Test Equipment Market:

North America is dominating the Global Automated Test Equipment Market with the largest market share in the region, and therefore accounting for $1,272.80 million in 2016 and is expected to grow over $1,564.94 million by 2022. Global Automated Test Equipment Market in Asia-Pacific market is expected to grow at CAGR of 4.3% from $941.06 million in 2016 to $1,209.31 million by 2022. The Europe market for Global Automated Test Equipment Market is expected to grow at 3.3% CAGR (2016-2022).

Study Objective of Global Automated Test Equipment Market:

* To provide detailed analysis of the market structure along with forecast for the next five years of the various segments and sub-segments of the Global Automated Test Equipment Market.
* To provide insights about factors affecting the market growth.
* To analyze the Global Automated Test Equipment Market based on various factors- porters five force analysis, mega trend analysis, macroeconomic indicators etc.
* To provide historical and forecast revenue of the market segments and sub-segments with respect to four main geographies and their countries- North America, Europe, Asia, and Rest of the World (ROW).
* To provide country level analysis of the market with respect to the current market size and future prospective.
* To provide country level analysis of the market for segment by component, by type, by application and sub-segments.
* To provide strategic profiling of key players in the market, comprehensively analyzing their core competencies, and drawing a competitive landscape for the market
* To track and analyze competitive developments such as joint ventures, strategic alliances, mergers and acquisitions, new product developments, and research and developments in the Global Automated Test Equipment Market.

Target Audience:

- OEM Manufacturer
- Component Manufacturer
- Hardware manufacturer
- Software Manufacturer
GLOBAL AUTOMATED TEST EQUIPMENT MARKET

THE GLOBAL AUTOMATED TEST EQUIPMENT MARKET IS ESTIMATED TO REACH USD 4,422 MILLION BY 2022.

BY REGION

NORTH AMERICA HAS LARGEST SHARE

ASIA PACIFIC EMERGING AS FASTEST GROWING

BY TYPE

DISCRETE AUTOMATED TEST EQUIPMENT EXPECTED TO GROW WITH 5% CAGR DURING FORECAST PERIOD 2016-2022

BY APPLICATION

CONSUMER ELECTRONICS PROJECTED TO HOLD THE LARGEST MARKET OF USD 1,661 MILLION BY 2022

KEY PLAYERS

1. Chroma Ate INC.
2. Agilent Technologies INC.
3. LTX-Credence Corporation
4. Cobham PLC
5. Teradyne INC.
6. Rohm Instruments INC.
7. Marvin Test Solution INC.
8. Advance Integration, LLC
9. Astronic Test Systems
10. Advantest Corporation

DRIVERS

- Rising Complexities in the Design of Consumer Electronic Devices
- Requirement of High Efficiency of the ATE for Increasing the Throughput
- Strong Rise in Applications in the Automotive Market
- Reduced Manufacturing Time and Cost

RISKS

- High Competition Amongst the Industry Manufacturers
- Dynamic Changes in the ATE Technology Limit the Demand of ATE in the Market
- High Costs of ATE Expected to Restrain the Market Growth

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