

# Global Power Board Tester Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G38B9153100DEN.html>

Date: January 2026

Pages: 113

Price: US\$ 3,480.00 (Single User License)

ID: G38B9153100DEN

## Abstracts

According to our (Global Info Research) latest study, the global Power Board Tester market size was valued at US\$ 1082 million in 2025 and is forecast to a readjusted size of US\$ 1916 million by 2032 with a CAGR of 8.1% during review period.

Power Board Testers are specialized electronic test systems used to verify the electrical performance, functional reliability, and safety compliance of power boards and power supply modules during development, validation, and production stages. In 2025, the average global unit price of power board testers is approximately US\$72,000 per unit, with global annual shipment volume estimated at around 14.6 thousand units. The industry typically operates at a gross margin range of 40%–60%, supported by high customization requirements, multi-channel measurement capability, automated test software, and strong demand from electronics manufacturing. The supply chain includes upstream programmable power supplies, electronic loads, measurement instruments, switching matrices, and control software; midstream manufacturers focus on system integration, test program development, automation, calibration, and factory acceptance testing; downstream users include power electronics manufacturers, EMS providers, consumer electronics brands, industrial equipment suppliers, and automotive electronics manufacturers.

This report is a detailed and comprehensive analysis for global Power Board Tester market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some

of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Power Board Tester market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Power Board Tester market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Power Board Tester market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Power Board Tester market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Power Board Tester

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Power Board Tester market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Chroma ATE, Keysight Technologies, AMETEK, ITECH, EA Elektro-Automatik, Kikusui, NH Research, Avera, Seica, Teradyne, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

Power Board Tester market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

## Market segment by Type

Low Voltage (<60V)

Medium Voltage (60–400V)

High Voltage (>400V)

## Market segment by Test Stage

R&D Validation

Engineering Verification Test (EVT)

Production Test

End-Of-Line Test

## Market segment by Automation Level

Manual Test Bench

Semi-Automated Test System

Fully Automated Test Equipment

## Market segment by Application

Consumer Electronics

Industrial Electronics

Automotive Electronics

Telecommunications Power

## Data Center Power

### Major players covered

Chroma ATE

Keysight Technologies

AMETEK

ITECH

EA Elektro-Automatik

Kikusui

NH Research

Averna

Seica

Teradyne

ATEC

National Instruments (NI) (Emerson)

Rohde & Schwarz

Advantest

SPEA

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Power Board Tester product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Power Board Tester, with price, sales quantity, revenue, and global market share of Power Board Tester from 2021 to 2026.

Chapter 3, the Power Board Tester competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Power Board Tester breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Power Board Tester market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Power Board Tester.

Chapter 14 and 15, to describe Power Board Tester sales channel, distributors, customers, research findings and conclusion.

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