

Global PCBA Tester Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global PCBA Tester market size is expected to reach \$ 11767 million by 2032, rising at a market growth of 7.2% CAGR during the forecast period (2026-2032).

In 2025, the global sales of PCBA Tester reached 83,600 units, with a global average price of 83.8k USD per unit. The gross profit margin of major companies in the industry was approximately 25%-40%. PCBA Tester used to inspect the electrical performance and functional status of PCBAs. They primarily utilize test fixtures, probes, power supplies, signal acquisition modules, and test software to detect open circuits, short circuits, incorrect components, missing components, poor soldering, abnormal parameters, and functional failures on circuit boards with soldered components. Competition in the PCBA Tester industry mainly revolves around test coverage, stability, software platforms, fixture development capabilities, and customer service capabilities.

This report studies the global PCBA Tester production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for PCBA Tester and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of PCBA Tester that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global PCBA Tester total production and demand, 2021-2032, (Units)

Global PCBA Tester total production value, 2021-2032, (USD Million)

Global PCBA Tester production by region & country, production, value, CAGR,

2021-2032, (USD Million) & (Units), (based on production site)

Global PCBA Tester consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: PCBA Tester domestic production, consumption, key domestic manufacturers and share

Global PCBA Tester production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global PCBA Tester production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global PCBA Tester production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global PCBA Tester market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Teradyne, SPEA, Digitaltest, Seica, TAKAYA, Hioki, Acculogic, CheckSum, Konrad Technologies, Bloomy, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World PCBA Tester market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global PCBA Tester Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global PCBA Tester Market, Segmentation by Type:

ICT Test

FCT Test

AOI Test

Flying Needle Test

Boundary Scan Test

Global PCBA Tester Market, Segmentation by Automation:

Manual

Semi-automatic

Fully-automatic

Global PCBA Tester Market, Segmentation by Test Points:

3000Points

Global PCBA Tester Market, Segmentation by Application:

Consumer Electronics

Automobile

Medical

Aerospace

Other

Companies Profiled:

Teradyne

SPEA

Digitaltest

Seica

TAKAYA

Hioki

Acculogic

CheckSum

Konrad Technologies

Bloomy

JOT Automation

6TL Engineering

UNITES Systems

Chroma ATE

PTI

IFREE

Bojay

Longzhong Pair

RF-ele

TRI

Key Questions Answered:

1. How big is the global PCBA Tester market?
2. What is the demand of the global PCBA Tester market?
3. What is the year over year growth of the global PCBA Tester market?
4. What is the production and production value of the global PCBA Tester market?
5. Who are the key producers in the global PCBA Tester market?
6. What are the growth factors driving the market demand?

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