

# Global PCB In-Circuit Testers and Functional Testers Market Growth 2026-2032

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## Abstracts

The global PCB In-Circuit Testers and Functional Testers market size is predicted to grow from US\$ 512 million in 2025 to US\$ 731 million in 2032; it is expected to grow at a CAGR of 5.3% from 2026 to 2032.

In-Circuit Tester is an equipment for printed circuit board test. Using a bed of nails in-circuit test equipment it is possible gain access to the circuit nodes on a board and measure the performance of the components regardless of the other components connected to them. PCB functional testing is the most comprehensive testing regimen for determining whether a manufactured board can leave the factory and be shipped to the customer. The goal is to identify manufacturing defects that affect reliability, missing or incorrect components, and opens/shorts in nets or solder connections.

According to our Semiconductor Research Center, the global total output value of PCB was about US\$ 81 billion in 2022. With strong drivers from new technology, such as AI, 5G and new energy vehicles, it is estimated that the PCB industry will continue to grow steadily in the next six years. Global PCB manufacturers are mainly located in China mainland, China Taiwan, Japan, South Korea, Europe and the United States. Among them, Chinese local PCB companies hold the biggest share.

LP Information, Inc. (LPI) ' newest research report, the "PCB In-Circuit Testers and Functional Testers Industry Forecast" looks at past sales and reviews total world PCB In-Circuit Testers and Functional Testers sales in 2025, providing a comprehensive analysis by region and market sector of projected PCB In-Circuit Testers and Functional Testers sales for 2026 through 2032. With PCB In-Circuit Testers and Functional Testers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world PCB In-Circuit Testers and Functional

Testers industry.

This Insight Report provides a comprehensive analysis of the global PCB In-Circuit Testers and Functional Testers landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on PCB In-Circuit Testers and Functional Testers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PCB In-Circuit Testers and Functional Testers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for PCB In-Circuit Testers and Functional Testers and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global PCB In-Circuit Testers and Functional Testers.

This report presents a comprehensive overview, market shares, and growth opportunities of PCB In-Circuit Testers and Functional Testers market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

In Circuit Tester

Functional Tester

Hybrid Testers

### **Segmentation by Application:**

Automotive

Defense and Aerospace

Consumer Electronics and Home Appliance

Medical

Telocom and IoT

Industrial Automation

Energy

Others

**This report also splits the market by region:**

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Keysight

Teradyne

TRI

Hioki

SPEA

Digitaltest

Okano

ADSYS Technologies

PTI

Kyoritsu

Jet Technology

Seica

SRC

Checksum

Acculogic

Concord

Shindenshi

Qmax Test Equipments

MEL Systems and Services

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global PCB In-Circuit Testers and Functional Testers market?

What factors are driving PCB In-Circuit Testers and Functional Testers market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do PCB In-Circuit Testers and Functional Testers market opportunities vary by end market size?

How does PCB In-Circuit Testers and Functional Testers break out by Type, by Application?

The report requires updating with new data and is sent in 48 hours after order is placed.

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