

# Global PCB In-Circuit Testers and Functional Testers Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global PCB In-Circuit Testers and Functional Testers market size was valued at USD 455.8 million in 2022 and is forecast to a readjusted size of USD 637.5 million by 2029 with a CAGR of 4.9% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

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.

This report is a detailed and comprehensive analysis for global PCB In-Circuit Testers and Functional Testers 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 2023, are provided.

Key Features:

Global PCB In-Circuit Testers and Functional Testers market size and forecasts, in

consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global PCB In-Circuit Testers and Functional Testers market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global PCB In-Circuit Testers and Functional Testers market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global PCB In-Circuit Testers and Functional Testers market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2018-2023

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 PCB In-Circuit Testers and Functional Testers

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 PCB In-Circuit Testers and Functional Testers 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 Keysight, Teradyne, TRI, Hioki and SPEA, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

PCB In-Circuit Testers and Functional Testers market is split by Type and by Application. For the period 2018-2029, 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

In Circuit Tester

Functional Tester

Hybrid Testers

#### Market segment by Application

Automotive

Defense and Aerospace

Consumer Electronics and Home Appliance

Medical

Telocom and IoT

Industrial Automation

Energy

Others

#### Major players covered

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

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 PCB In-Circuit Testers and Functional Testers product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of PCB In-Circuit Testers and Functional Testers, with price, sales, revenue and global market share of PCB In-Circuit Testers and Functional Testers from 2018 to 2023.

Chapter 3, the PCB In-Circuit Testers and Functional Testers competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the PCB In-Circuit Testers and Functional Testers breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2017 to 2022. and PCB In-Circuit Testers and Functional Testers market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of PCB In-Circuit Testers and Functional Testers.

Chapter 14 and 15, to describe PCB In-Circuit Testers and Functional Testers sales

channel, distributors, customers, research findings and conclusion.

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