

# **Global In-Circuit Tester Market Size study, by Type (Analog, Mixed) by Portability (Compact, Benchtop) by Application (Aerospace, Defence & Government Services, Consumer Electronics, Medical Equipment, Wireless Communication) and Regional Forecasts 2021-2027**

<https://marketpublishers.com/r/GC3B2DE89D75EN.html>

Date: August 2021

Pages: 200

Price: US\$ 4,981.00 (Single User License)

ID: GC3B2DE89D75EN

## **Abstracts**

Global In-Circuit Tester Market is valued approximately USD XXX billion in 2020 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2021-2027.

An in-circuit tester is a device which is plugged into an electrical socket to make sure it is wired properly. The main work of this tester is to measure all components on PCB. In doing so, defective components are detected and can be replaced accordingly.

Advancement in technology and increment in the consumer electronics manufacturing, including laptops, smartphones and other electronic device is driving the market growth.

In September 2019, Test Research Inc. launched the solution for PCB assembly testing and inspection that includes 3D solder paste inspection (SPI), 3D automated optical inspection (AOI), 3D CT automated x-ray inspection (AXI), high-performance in-circuit testing (ICT) and functional tester (FCT). In May 2019, Teradyne Inc. signed an agreement with Silan Microelectronics to make sure thorough testing of automotive and high-power electronics. The team effort will allow customers to build on one test platform as product usage change while supporting both industry-leading quality of test and throughput.

Lack of standardization in connectivity protocol and high cost related to variation

process can be a hindering factor for the market. However, the rising adaption of high-density interconnect technology and increasing penetration of cloud compounding and internet of things (IoT) results in the growth of market in forthcoming period.

The regional analysis of Global In-Circuit Tester Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia Pacific has a dominating place in the global in-circuit test market during the forecast period. The Asia Pacific has a dominating market of consumer electronics due to a large number of household appliances and smartphone users. High population and increasing income in economies such as India, South Korea, Japan and China has a rising number of consumers in electronics usage which acts as a critical factor responsible for the growth of the in-circuit test market.

Major market player included in this report are:

Vital Electronics and Manufacturing Co

Teradyne

Test Research

Keysight

HIOKI E.E

SPEA

Acculogic

Testronics

Kyoritsu Test System

Shenzhen PTI Technology

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the Industrial within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Analog

mixed

By Portability:

Compact  
Benchtop

By Application:

Aerospace, Defence & Government Services  
Consumer Electronics  
Medical Equipment  
Wireless Communication

By Region:

North America  
U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific

China  
India  
Japan  
Australia  
South Korea  
RoASIA PACIFIC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global In-Circuit Tester Market Products Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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