

Modular Instruments Market Size, Share, & Trends Analysis Report By Platform (PXI, AXIe, VXI), By End Use (Telecommunication, Automotive & Transportation), By Region, And Segment Forecasts, 2020 - 2027

<https://marketpublishers.com/r/MD89ACBE41FAEN.html>

Date: June 2020

Pages: 100

Price: US\$ 4,950.00 (Single User License)

ID: MD89ACBE41FAEN

Abstracts

This report can be delivered to the clients within 10-12 business days post order confirmation

Modular Instruments Market Growth & Trends

The global modular instruments market size is expected to reach USD 3.11 trillion by 2027, at a compound annual growth rate (CAGR) of 6.3% according to a study conducted by Grand View Research, Inc. The growth of wireless communication industry has resulted in the adoption of modular instruments for testing, inspecting, and monitoring the performance of the devices. Moreover, Technological advancement in the wireless communication industry, such as the evolution of 5G, radar communication, satellite communication, radio, and television broadcasting among others coupled with the rapid adoption of IoT devices, are some of the factors anticipated to affect the market growth positively.

The growing communications networking industry has resulted in the need for increased network capacity and faster transmission speeds. This need is driven by the increasing number of connected mobile devices and the demand for high-speed broadband access to support high-bandwidth applications. Modular instruments are used for testing of devices and components at the development or manufacturing stage of the device. Thus, owing to the need for greater network agility and high-performance networks, there has been increased adoption of modular instruments.

The proliferation of connected mobile devices such as smartphones and tablets has driven network usage and dependency on the networks. Furthermore, expansion of IP based services, which provide users with anywhere-anytime access to content over a range of electronic devices and increasing deployments of higher-speed networks, has resulted in a need to reduce the deployment time and cost. Several companies are focusing on developing accurate network communication devices, thereby creating opportunities for the growth of the market. For instance, in October 2019, GBT Technologies Inc., a company engaged in the development of IoT enabled tracking and networking technologies, announced the set-up of research and development for IC micro-solar cell structures. This company is planning to explore solar micro-solar cell technology targeted to operate applications that require either an intermittent or continuous power source.

Modular instruments are significantly used in the automotive industry by several automobile manufacturers owing to trends related to autonomous driving and connected car technologies. Similarly, the rising implementation of IoT devices in vehicles is generating the need for testing, inspecting, and verifying the devices owing to complexities and design constraints of the devices. Hence, to ensure devices work correctly, modular instruments are used. Additionally, the advancement of technologies related to infotainment systems, collision avoidance, driverless vehicles, and the Wi-Fi standard 802.11p in the automotive industry is anticipated to drive the market growth.

Modular Instruments Market Report Highlights

The PXI segment accounted for market share exceeding 78% in 2019 owing to several benefits including improved performance, low cost, and computer-based modular architecture

The telecommunication segment held the largest market share of over 35.0% in 2019, which can be attributed to rising investments in IoT and 5G technologies. The growing adoption of IoT devices by the end customers is spurring the market growth

Asia Pacific is expected to witness substantial growth owing to the rising number of electronics and semiconductor manufacturing facilities in the region

The market is consolidated and characterized by large and medium size companies. The major global players operating include Keysight Technologies, National Instruments, Fortive Corporation, and Viavi Solutions

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Scope and Assumptions
- 1.3. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Modular Instruments- Industry Snapshot & Key Buying Criteria, 2015 - 2025

CHAPTER 3. MODULAR INSTRUMENTS INDUSTRY OUTLOOK

- 3.1. Market Segmentation
- 3.2. Market Size and Growth Prospects, 2016 - 2027
- 3.3. Value Chain Analysis
- 3.4. Market Dynamics
 - 3.4.1. Market driver analysis
 - 3.4.2. Market restraint/challenge analysis
 - 3.4.3. Market opportunity analysis
- 3.5. Key Opportunities Prioritized
- 3.6. Industry Analysis - Porter's
 - 3.6.1. Supplier Power
 - 3.6.2. Buyer Power
 - 3.6.3. Substitution Threat
 - 3.6.4. Threat from new entrant
- 3.7. PEST Analysis
 - 3.7.1. Political Landscape
 - 3.7.2. Environmental Landscape
 - 3.7.3. Social Landscape
 - 3.7.4. Technology Landscape
- 3.8. Market Lineage outlook
 - 3.8.1. Parent market outlook

CHAPTER 4. MODULAR INSTRUMENTS MARKET: PLATFORM OUTLOOK

- 4.1. Modular Instruments Market Share by Platform, 2019 & 2027 (USD Billion)
- 4.2. PXI

- 4.2.1. Market estimates and forecast, 2016 - 2027 (USD Billion)
- 4.2.2. Market estimates and forecast by region, 2016 - 2027 (USD Billion)
- 4.3. AXIe
 - 4.3.1. Market estimates and forecast, 2016 - 2027 (USD Billion)
 - 4.3.2. Market estimates and forecast by region, 2016 - 2027 (USD Billion)
- 4.4. VXI
 - 4.4.1. Market estimates and forecast, 2016 - 2027 (USD Billion)
 - 4.4.2. Market estimates and forecast by region, 2016 - 2027 (USD Billion)

CHAPTER 5. MODULAR INSTRUMENTS MARKET: END-USE OUTLOOK

- 5.1. Modular Instruments Market Share by End-Use, 2019 & 2027 (USD Billion)
- 5.2. Telecommunications
 - 5.2.1. Market estimates and forecast, 2016 - 2027 (USD Billion)
 - 5.2.2. Market estimates and forecast by region, 2016 - 2027 (USD Billion)
- 5.3. Aerospace & Defense
 - 5.3.1. Market estimates and forecast, 2016 - 2027 (USD Billion)
 - 5.3.2. Market estimates and forecast by region, 2016 - 2027 (USD Billion)
- 5.4. Automotive & Transportation
 - 5.4.1. Market estimates and forecast, 2016 - 2027 (USD Billion)
 - 5.4.2. Market estimates and forecast by region, 2016 - 2027 (USD Billion)
- 5.5. Electronics & Semiconductor
 - 5.5.1. Market estimates and forecast, 2016 - 2027 (USD Billion)
 - 5.5.2. Market estimates and forecast by region, 2016 - 2027 (USD Billion)

CHAPTER 6. MODULAR INSTRUMENTS MARKET: REGIONAL OUTLOOK

- 6.1. Modular Instruments Market Share by Region, 2015 & 2025 (USD Billion)
- 6.2. North America
 - 6.2.1. Market estimates and forecast, 2016 - 2027 (USD Billion)
 - 6.2.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)
 - 6.2.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)
 - 6.2.4. U.S.
 - 6.2.4.1. Market estimates and forecast, 2016 - 2027 (USD Billion)
 - 6.2.4.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)
 - 6.2.4.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)
 - 6.2.5. Canada
 - 6.2.5.1. Market estimates and forecast, 2016 - 2027 (USD Billion)
 - 6.2.5.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.2.5.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.3. Europe

6.3.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.3.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.3.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.3.4. U.K.

6.3.4.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.3.4.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.3.4.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.3.5. Germany

6.3.5.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.3.5.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.3.5.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.3.6. France

6.3.6.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.3.6.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.3.6.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.4. Asia Pacific

6.4.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.4.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.4.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.4.4. China

6.4.4.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.4.4.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.4.4.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.4.5. India

6.4.5.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.4.5.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.4.5.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.4.6. Japan

6.4.6.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.4.6.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.4.6.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.5. Latin America

6.5.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.5.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.5.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.5.4. Brazil

6.5.4.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.5.4.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.5.4.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.5.5. Mexico

6.5.5.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.5.5.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.5.5.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

6.6. Middle East & Africa

6.6.1. Market estimates and forecast, 2016 - 2027 (USD Billion)

6.6.2. Market estimates and forecast by platform, 2016 - 2027 (USD Billion)

6.6.3. Market estimates and forecast by end-use, 2016 - 2027 (USD Billion)

CHAPTER 7. COMPETITIVE LANDSCAPE

7.1. ADLINK Technology Inc.

7.1.1. Company overview

7.1.2. Financial performance

7.1.3. Product benchmarking

7.1.4. Strategic initiatives

7.2. AMETEK.Inc.

7.2.1. Company overview

7.2.2. Financial performance

7.2.3. Product benchmarking

7.2.4. Strategic initiatives

7.3. Astronics Corporation

7.3.1. Company overview

7.3.2. Financial performance

7.3.3. Product benchmarking

7.3.4. Strategic initiatives

7.4. Cobham Plc.

7.4.1. Company overview

7.4.2. Financial performance

7.4.3. Product benchmarking

7.4.4. Strategic initiatives

7.5. Fortive Corporation (Tektronix)

7.5.1. Company overview

7.5.2. Financial performance

7.5.3. Product benchmarking

7.5.4. Strategic initiatives

7.6. Keysight Technologies

- 7.6.1. Company overview
- 7.6.2. Financial performance
- 7.6.3. Product benchmarking
- 7.6.4. Strategic initiatives
- 7.7. National Instruments
 - 7.7.1. Company overview
 - 7.7.2. Financial performance
 - 7.7.3. Product benchmarking
 - 7.7.4. Strategic initiatives
- 7.8. Rohde & Schwarz
 - 7.8.1. Company overview
 - 7.8.2. Financial performance
 - 7.8.3. Product benchmarking
 - 7.8.4. Strategic initiatives
- 7.9. Teradyne
 - 7.9.1. Company overview
 - 7.9.2. Financial performance
 - 7.9.3. Product benchmarking
 - 7.9.4. Strategic initiatives
- 7.10. Viavi Solutions
 - 7.10.1. Company overview
 - 7.10.2. Financial performance
 - 7.10.3. Product benchmarking
 - 7.10.4. Strategic initiatives

List Of Tables

LIST OF TABLES

Table 1 List of Abbreviation

Table 2 Modular instruments market - Industry snapshot & key buying criteria, 2016 - 2027

Table 3 Modular instruments market, 2016 - 2027 (USD Billion)

Table 4 Modular instruments market, by region, 2016 - 2027 (USD Billion)

Table 5 Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 6 Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 7 Key Company Ranking, 2018

Table 8 PXI market, 2016 - 2027 (USD Billion)

Table 9 PXI market, by region, 2016 - 2027 (USD Billion)

Table 10 AXIe market, 2016 - 2027 (USD Billion)

Table 11 AXIe market, by region, 2016 - 2027 (USD Billion)

Table 12 VXI market, 2016 - 2027 (USD Billion)

Table 13 VXI market, by region, 2016 - 2027 (USD Billion)

Table 14 Telecommunications market, 2016 - 2027 (USD Billion)

Table 15 Telecommunications market, by region, 2016 - 2027 (USD Billion)

Table 16 Aerospace & Defence market, 2016 - 2027 (USD Billion)

Table 17 Aerospace & Defence market, by region, 2016 - 2027 (USD Billion)

Table 18 Automotive & Transportation market, 2016 - 2027 (USD Billion)

Table 19 Automotive & Transportation market, by region, 2016 - 2027 (USD Billion)

Table 20 Electronics & Semiconductor market, 2016 - 2027 (USD Billion)

Table 21 Electronics & Semiconductor market, by region, 2016 - 2027 (USD Billion)

Table 22 North America Modular instruments market, 2016 - 2027 (USD Billion)

Table 23 North America Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 24 North America Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 25 U.S. Modular instruments market, 2016 - 2027 (USD Billion)

Table 26 U.S. Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 27 U.S. Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 28 Canada Modular instruments market, 2016 - 2027 (USD Billion)

Table 29 Canada Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 30 Canada Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 31 Europe Modular instruments market, 2016 - 2027 (USD Billion)

Table 32 Europe Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 33 Europe Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 34 U.K. Modular instruments market, 2016 - 2027 (USD Billion)

Table 35 U.K. Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 36 U.K. Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 37 Germany Modular instruments market, 2016 - 2027 (USD Billion)

Table 38 Germany Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 39 Germany Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 40 France Modular instruments market, 2016 - 2027 (USD Billion)

Table 41 France Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 42 France Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 43 Asia Pacific Modular instruments market, 2016 - 2027 (USD Billion)

Table 44 Asia Pacific Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 45 Asia Pacific Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 46 China Modular instruments market, 2016 - 2027 (USD Billion)

Table 47 China Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 48 China Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 49 India Modular instruments market, 2016 - 2027 (USD Billion)

Table 50 India Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 51 India Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 52 Japan Modular instruments market, 2016 - 2027 (USD Billion)

Table 53 Japan Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 54 Japan Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 55 Latin America Modular instruments market, 2016 - 2027 (USD Billion)

Table 56 Latin America Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 57 Latin America Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 58 Brazil Modular instruments market, 2016 - 2027 (USD Billion)

Table 59 Brazil Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 60 Brazil Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 61 Mexico Modular instruments market, 2016 - 2027 (USD Billion)

Table 62 Mexico Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 63 Mexico Modular instruments market, by end-use, 2016 - 2027 (USD Billion)

Table 64 Middle East & Africa Modular instruments market, 2016 - 2027 (USD Billion)

Table 65 Middle East & Africa Modular instruments market, by platform, 2016 - 2027 (USD Billion)

Table 66 Middle East & Africa Modular instruments market, by end-use, 2016 - 2027

(USD Billion)

List Of Figures

LIST OF FIGURES

- Fig. 1 Modular instruments market, by 2018 (USD Billion)
- Fig. 1 Modular instruments market segmentation
- Fig. 2 Value chain analysis
- Fig. 3 Modular instruments market dynamics
- Fig. 4 Modular instruments market driver impact
- Fig. 5 Modular instruments market challenge impact
- Fig. 6 Modular instruments penetration & growth prospects mapping
- Fig. 7 Modular instruments market - Porters five forces
- Fig. 8 Modular instruments market - PEST Analysis
- Fig. 9 Modular instruments, by region, 2019 & 2027
- Fig. 10 Modular instruments market , by platform, 2019 & 2027 (USD Billion)
- Fig. 11 Modular instruments market , by end-use, 2019 & 2027 (USD Billion)
- Fig. 12 Modular instruments market , by region, 2019 & 2027

I would like to order

Product name: Modular Instruments Market Size, Share, & Trends Analysis Report By Platform (PXI, AXIe, VXI), By End Use (Telecommunication, Automotive & Transportation), By Region, And Segment Forecasts, 2020 - 2027

Product link: <https://marketpublishers.com/r/MD89ACBE41FAEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/MD89ACBE41FAEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970