

# 5G Testing Equipment Market Projected to Reach \$5,084.10 Million by 2034, Fueled by 9.8% CAGR

The growing acquisition of 5G networks across several industries worldwide is a prominent factor driving the 5G testing equipment market.

NEW YORK CITY, NY, UNITED STATES, February 13, 2025 /EINPresswire.com/ -- The [5G testing equipment market](#) forecast for 2034 is a specialized study of the industry with a specific concentration on the global market trend analysis.



**5G Testing Equipment Market**  
Market Trends & Key Players

**Market Size 2025**  
USD 2,197.99 Mn

**CAGR 2025-2034**  
9.8%

**Market Size 2034**  
USD 5,084.10 Mn

**Market Trends**

- ★ Growing Adoption of IoT and Connected Devices
- ★ Rising Number of Data Centers

**Report Highlights**

- ★ The 5G testing equipment market is experiencing growth due to the rapid deployment of 5G networks, advancements in IoT, and increasing demand for enhanced network performance.

**Key Players**

- Anritsu
- Artiza Networks, Inc.
- EXFO Inc.
- Fortive
- Intertek Group Plc
- Keysight Technologies
- MACOM
- Rohde & Schwarz
- Ceragon
- Teradyne Inc.
- VIAVI Solutions Inc.

Source: www.polarismarketresearch.com

5G Testing Equipment Market

The 5G testing equipment market is augmenting. The market is approximated to reach USD 5,084.10 million by 2034. It was valued at USD 2,006.70 million in 2024. It exhibited a CAGR of 9.8% from 2025 to 2034.

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These testing solutions are important for sanctioning presentation, momentum, and dependency of 5G infrastructure.”

*Polaris Market Research*

Contemporary inventions such as self-driving cars, the IoT, and virtual reality are driving the subsequent dramatic change. They will offer a sizeable enhancement in bandwidth and latency scaling down to fuel these progressions. Contemporary 5G progressions permit speed up to 100 times speedier than prevailing cellular connections and latency in the 1 millisecond range.

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5G testing indicates more than conforming the flashing download speeds, excellent low latency, and sweeping coverage density. The demand for elevated data speeds, low latency, and enhanced connectivity is impacting the 5G testing equipment market growth favorably.

For more information, visit <https://www.polarismarketresearch.com/industry-analysis/5g-testing-equipment/request-for->

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5G testing equipment market requirements?

5G testing equipment market requirements are driven by the need for high-speed, low-latency networks. Key requirements include high bandwidth, low latency, and the ability to support a large number of connected devices. Additionally, testing equipment must be capable of simulating various network conditions and scenarios to ensure optimal performance.

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Key market trends in 5G testing equipment:

- In February 2023, Anritsu instigated the Field Master MS2070A, a mobile scope examiner for RF testing up to 3 GHz in the field, lab, and manufacturing establishments.
- In February 2023, Keysight Technologies instigated the E7515R, a framework imitation solution customized for 5G redcap and CIOT technologies such as industrial sensors and wearables.

For more information, visit our website:

[https://www.polarismarketresearch.com/industry-analysis/5g-testing-equipment/request-for-discount-pricing?utm\\_source=EIN&utm\\_medium=EIN&utm\\_campaign=EIN&utm\\_id=01](https://www.polarismarketresearch.com/industry-analysis/5g-testing-equipment/request-for-discount-pricing?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01)

Key market trends in 5G testing equipment:

- Technological Progressions: Progressions in technologies such as network slicing, beamforming, and huge MIMO are generating a requirement for specific testing instruments. For instance, in June 2024, Rohde & Schwarz and VIAVI initiated cohesive framework test solutions outlined to reinforce open radio commercialization.
- Growing Demand for Low Latency 5G Networks: The demand for accelerated, low latency 5G networks has escalated as industries amalgamate more IoT solutions involving smart sensors and connected gadgets, which need meticulous testing to sanction network dependability, presentation, and scalability. This, in turn, is having a favorable impact on 5G testing equipment market sales.
- Escalating Aggregate of Data Centers: The augmentation of the market is impacted by the growing aggregate of data centers being set up worldwide. A sizeable surge in data congestion is expected as the demand for data processing and storage rises.

5G testing equipment market share?

- North America: North America accounted for the largest 5G testing equipment market share. The region's robust growth is primarily due to the premature positioning of 5G networks and sizeable funding in R&D by critical technology contenders.
- Asia Pacific: Asia Pacific is anticipated to witness significant growth from 2025 to 2034. This can be attributed to the speedy dispersion of 5G networks in nations such as China, Japan, South Korea, and India.

5G testing equipment market share analysis:

[https://www.polarismarketresearch.com/industry-analysis/5g-testing-equipment/inquire-before-buying?utm\\_source=EIN&utm\\_medium=EIN&utm\\_campaign=EIN&utm\\_id=01](https://www.polarismarketresearch.com/industry-analysis/5g-testing-equipment/inquire-before-buying?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01)

5G testing equipment market share analysis?

By Equipment Outlook

- Oscilloscopes
- Signal and Spectrum Analyzers
- Vector Signal Generators
- Network Analyzers
- Others

By Revenue Source Outlook

- New
- Rental

By Application Outlook

- Lab Testing
- Performance Testing
- Wireless and RF Testing

By Regional Outlook

- North America
  - o US
  - o Canada
- Europe
  - o Germany
  - o France
  - o UK
  - o Italy
  - o Spain
  - o Netherlands
  - o Russia

- o Rest of Europe

- Asia Pacific

- o China

- o Japan

- o India

- o Malaysia

- o South Korea

- o Indonesia

- o Australia

- o Vietnam

- o Rest of Asia Pacific

- Middle East & Africa

- o Saudi Arabia

- o UAE

- o Israel

- o South Africa

- o Rest of the Middle East & Africa

- Latin America

- o Mexico

- o Brazil

- o Argentina

- o Rest of Latin America

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How much is the 5G testing equipment market?

The global market was valued at USD 2,006.70 million in 2024 and is projected to grow to USD 5,084.10 million by 2034.

Which segment by revenue source dominated the 5G testing equipment market in 2024?

In 2024, the rental segment dominated the 5G testing equipment market.

What are the segments covered in the market?

The segments covered in the market are equipment, revenue source, and application.

By equipment, which segment is expected to witness the fastest growth from 2025 to 2034?

The network analyzers segment is projected to register the fastest growth during the forecast period.

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The global [5G testing equipment industry](#) is expected to reach USD 5,084.10 million by 2034, exhibiting a CAGR of 9.8% from 2025 to 2034.

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