

Industrial Precision Requirements Supporting Demand In The Physical Measuring Instrument Market 2026

The Business Research Company's Physical Measuring Instrument Market Report 2026 – Market Size, Trends, And Global Forecast 2026-2035

LONDON, GREATER LONDON, UNITED KINGDOM, March 12, 2026

/EINPresswire.com/ -- The [physical measuring instrument market](#) is dominated by a mix of global precision instrument manufacturers and specialized metrology and industrial technology providers. Companies are

focusing on advanced sensor technologies, high-accuracy calibration systems, automated inspection solutions, and integration with digital data acquisition and IoT-enabled platforms to strengthen market presence and ensure compliance with stringent industry standards. Emphasis on measurement accuracy, traceability to international standards, real-time data analytics, and

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It will grow from \$14.62 billion in 2025 to \$15.84 billion in 2026 at a compound annual growth rate (CAGR) of 8.3%”

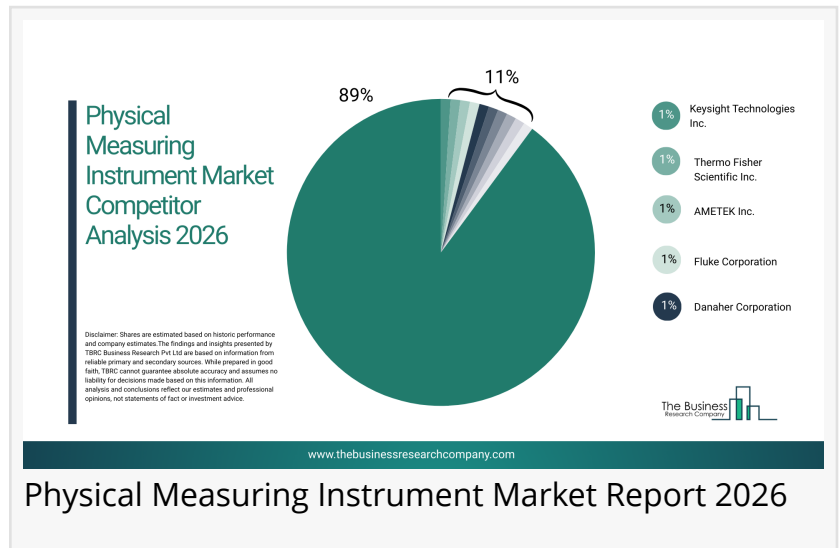
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quality assurance frameworks remains central to competitive positioning. Understanding the competitive landscape is essential for stakeholders seeking growth opportunities, technological innovation, and strategic partnerships within the rapidly evolving industrial, manufacturing, and scientific measurement sector.

Which Market Player Is Leading the Physical Measuring Instrument Market?

• According to our research, Keysight Technologies Inc. led

global sales in 2024 with a 1% market share. The electronic industrial solutions segment of the company, which is directly involved in the physical measuring instrument market, provides a wide range of precision measurement and test instruments, calibration systems, signal analysis equipment, and data acquisition solutions that support industrial manufacturing, electronics testing, research laboratories, telecommunications, and regulated quality control



environments.

Who Are The Major Players In The Physical Measuring Instrument Market?

Major companies operating in the [physical measuring instrument market growth](#) are Keysight Technologies Inc., Thermo Fisher Scientific Inc., AMETEK Inc., Fluke Corporation, Danaher Corporation, National Instruments (NI) Corp., Rohde & Schwarz, PerkinElmer Inc., Bruker Corporation, Hexagon AB, Nikon Corporation, ABB Ltd., Perceptron (Atlas Copco group), Jenoptik AG, MKS Instruments Inc., Siemens AG, Yokogawa Electric Corporation, KEYENCE Corporation, Zoller GmbH & Co., Spectris plc, Agilent Technologies Inc., TSI Holding Co. Ltd., WENZEL Group, INFICON, Shimadzu Corporation, KLA Corporation, FARO Technologies, Tektronix Inc., Mitutoyo Corporation, Teledyne Technologies Inc., Renishaw plc, Carl Zeiss (ZEISS).

How Concentrated Is The Physical Measuring Instrument Market?

The market is fragmented, with the top 10 players accounting for 10% of total market revenue in 2024. This level of concentration reflects moderate technological and certification-related entry barriers, driven by stringent accuracy and calibration standards, compliance with international metrology and quality regulations, precision engineering requirements, and the need for reliability across industrial manufacturing, scientific research, and regulated testing environments. Leading players such as Keysight Technologies Inc., Thermo Fisher Scientific Inc., AMETEK Inc., Fluke Corporation, Danaher Corporation, National Instruments (NI) Corp., Rohde & Schwarz, PerkinElmer Inc., Bruker Corporation, Hexagon AB, hold notable market shares through diversified measurement portfolios, strong R&D capabilities, established industrial partnerships, global distribution networks, and continuous innovation in precision testing, calibration, and digital measurement solutions. As demand for high-accuracy instruments, automation-integrated measurement systems, and real-time data analytics grows, strategic collaborations, product innovation, and regional expansion are expected to strengthen the competitive positioning of these leading companies in the market.

- Leading companies include:
 - o Keysight Technologies Inc. (1%)
 - o Thermo Fisher Scientific Inc. (1%)
 - o AMETEK Inc. (1%)
 - o Fluke Corporation (1%)
 - o Danaher Corporation (1%)
 - o National Instruments (NI) Corp. (1%)
 - o Rohde & Schwarz (1%)
 - o PerkinElmer Inc. (1%)
 - o Bruker Corporation (1%)
 - o Hexagon AB (1%)

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Who Are The Key Raw Material Suppliers In The Physical Measuring Instrument Market?

- Major raw materials suppliers in the physical measuring instrument market include TE Connectivity Ltd, Texas Instruments Incorporated, Analog Devices, Inc., STMicroelectronics N.V., Infineon Technologies AG, NXP Semiconductors N.V., Murata Manufacturing Co., Ltd., Vishay Intertechnology, Inc., Kyocera Corporation, ROHM Co., Ltd., Renesas Electronics Corporation, Amphenol Corporation, Panasonic Corporation, OMRON Corporation, TDK Corporation, Materion Corporation, Heraeus Holding GmbH, Corning Incorporated, CoorsTek, Inc., Kymera International, Mitsubishi Materials Corporation, Sumitomo Metal Mining Co., Ltd.

Who Are The Major Wholesalers And Distributors In The Physical Measuring Instrument Market?

- Major wholesalers or distributors in the physical measuring instrument market include RS Components Limited, Arrow Electronics, Inc., Avnet, Inc., Mouser Electronics, Inc., Digi-Key Electronics, Inc., Future Electronics Inc., TTI, Inc., Sonepar S.A., W.W. Grainger, Inc., MSC Industrial Supply Co., Graybar Electric Company, Inc., Rexel Holdings S.A., Heilind Electronics, Inc., TestEquity LLC, Omega Engineering, Inc., Cole-Parmer Instrument Company LLC, Edmund Optics Inc., Fisher Scientific International, Inc., Avantor, Inc., Thomas Scientific, Inc., Allied Electronics & Automation, RS Hughes Company.

Who Are The Major End Users Of The Physical Measuring Instrument Market?

- Major end users in the physical measuring instrument market include Siemens AG, General Electric Company, Honeywell International Inc., Toyota Motor Corporation, Ford Motor Company, Airbus SE, The Boeing Company, Exxon Mobil Corporation, BASF SE, Shell plc, ArcelorMittal S.A., Intel Corporation, Johnson & Johnson, Pfizer Inc., GlaxoSmithKline plc, Roche Holding AG, Apple Inc., Samsung Electronics Co., Ltd., Caterpillar Inc., ABB Ltd, Schneider Electric SE, 3M Company, The Procter & Gamble Company.

What Are the Major Competitive Trends In The Market?

- Next-Generation Coordinate Measuring Machines (CMMs) are transforming the physical measuring instrument market by enhancing dimensional accuracy, increasing inspection speed, and enabling advanced automation in manufacturing quality control processes.
- Example: In May 2025, Hexagon AB launched MAESTRO, a next-generation Coordinate Measuring Machine (CMM) designed to enhance precision, speed, and scalability in industrial measurement applications
- Its all-digital architecture, advanced sensor integration, and cloud-connected platform enable real-time data access, seamless digital twin integration, and improved workflow efficiency, supporting high-precision industries such as aerospace, automotive, and advanced manufacturing.

Which Strategies Are Companies Adopting To Stay Ahead?

- Advancing Multi-Environment Inspection Capabilities Through High-Precision Mobile 3D Scanning Solutions

- Advancing On-Site Surface Energy Analysis With Portable, High-Accuracy Handheld Testing Devices
- Improving Shop Floor Productivity Through Advanced Bore And Inside Diameter Measurement Technologies
- Accelerating Industrial And Construction Measurements With Next-Generation Digital Laser Distance Solutions

Access The Detailed Physical Measuring Instrument Market Report Here

[https://www.thebusinessresearchcompany.com/report/physical-measuring-instrument-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Mar PR](https://www.thebusinessresearchcompany.com/report/physical-measuring-instrument-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Mar_PR)

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