

Comprehensive Report on the Used Semiconductor Equipment Market: Opportunities and Challenges

The Business Research Company's Used Semiconductor Equipment Global Market Report 2025 - Market Size, Trends, And Global Forecast 2025-2034

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What Is The Expected Cagr For The Used Semiconductor Equipment Market Through 2025?

[The market size for used semiconductor machinery](#) has seen a rapid expansion in past years.

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The market, which will expand from \$3.83 billion in 2024 to \$4.55 billion in 2025, is set to have a compound annual growth rate (CAGR) of 18.8%. Factors contributing to this past growth include increased demand for semiconductor devices, an emphasis on cost-cutting measures by foundries, a surge in the use of old semiconductor nodes in power devices as well as sensors, a higher dependency on secondary market equipment, and a growing inclination towards pre-existing equipment.

In the ensuing years, the used semiconductor equipment

market is expected to exhibit swift growth, escalating to a value of \$8.96 billion in 2029 with a CAGR of 18%. This predicted growth within the forecast period is largely due to mounting demands for semiconductor equipment in burgeoning economies, the proliferation of IoT and automotive electronics, a pressing need for cost-effective alternatives in small to medium-sized fabs, heightened focus on prolonging the lifespan of production tools, and increased investments aimed at expanding semiconductor production capacity. Key trends anticipated within the forecast period encompass improvements in refurbishment services, developments in resale platforms, incorporation of sustainability objectives, advancements to certification

procedures which bolster buyer assurance, and innovative service-based models for equipment upkeep and backing.

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What Are The Driving Factors Impacting The Used Semiconductor Equipment Market?

The escalating need for consumer electronics is predicted to spur [expansion in the market for used semiconductor equipment](#). Consumer electronics, such as televisions, smartphones, computers, cameras, and audio systems, are electrical devices intended for daily personal or home use. The mounting demand for these gadgets is triggered by enhanced internet connectivity, granting more individuals the ability to utilize digital devices for communication, entertainment, and employment needs. Used semiconductor equipment contributes to consumer electronics by offering cost-effective, high-quality instruments for chip fabrication, thus accelerating production and reducing costs for electronic goods. For example, according to the U.S. International Trade Commission in September 2023, a rise of 1.0% was noted in US consumer electronics imports, moving from \$52.1 billion in 2021 to \$52.6 billion in 2022. Hence, the growing consumer electronics necessity is fueling [the growth of the used semiconductor equipment market](#).

Which Players Dominate The Used Semiconductor Equipment Industry Landscape?

Major players in the Used Semiconductor Equipment Global Market Report 2025 include:

- Intel Corporation
- Applied Materials Inc.
- Tokyo Electron Ltd.
- Lam Research Corporation
- Mitsubishi HC Capital Inc.
- KLA Corporation
- SUSS MicroTec SE
- Sumitomo Mitsui Finance and Leasing Company Limited
- SurplusGLOBAL Inc.
- EquipNet Inc.

What Are The Future Trends Of The Used Semiconductor Equipment Market?

Leading businesses in the used semiconductor equipment market are prioritizing the development of sophisticated solutions such as personalized asset recommendation platforms. These help maximize inventory use and aid manufacturers in making cost-efficient purchases. These digital tools are designed to evaluate a company's needs and budget in order to suggest the most appropriate pre-used semiconductor equipment, facilitating well-informed and economical decisions. For example, in June 2022, Moov Technologies Inc., a US tech-savvy marketplace and asset management platform, rolled out an enhanced digital service that incorporates a more intelligent, speedier marketplace with a central hub for managing activities,

personalized equipment recommendations, and improved search abilities. Key aspects of the service include comprehensive inventory and procurement software, real-time visibility of logistics, digital inspection capabilities, and fully secure transactions. These are all created to streamline equipment procurement and enhance customer results in a highly competitive market.

Global Used Semiconductor Equipment Market Segmentation By Type, Application, And Region
The used semiconductor equipment market covered in this report is segmented as

- 1) By Equipment Type: Photolithography Equipment, Etching Equipment, Deposition Equipment, Ion Implantation Equipment, Cleaning Equipment, Testing And Metrology Equipment
- 2) By Size Of Equipment: Small Equipment, Medium Equipment, Large Equipment, Modular Equipment
- 3) By Application: Consumer Electronics, Telecommunications, Automotive Electronics, Industrial Equipment, Healthcare Devices, Aerospace And Defense
- 4) By End-User Industry: Semiconductor Manufacturing, Microelectronics, Light Emitting Diode (LED) Manufacturing, Solar Cell Production, Research And Development Institutions

Subsegments:

- 1) By Photolithography Equipment: Steppers, Scanners, Mask Aligners, Track Systems, Immersion Lithography Tools
- 2) By Etching Equipment: Reactive Ion Etching (RIE) Systems, Deep Reactive Ion Etching (DRIE) Systems, Plasma Etching Systems, Wet Etching Systems, Ion Beam Etching Systems
- 3) By Deposition Equipment: Chemical Vapor Deposition (CVD) Systems, Physical Vapor Deposition (PVD) Systems, Atomic Layer Deposition (ALD) Systems, Epitaxial Deposition Systems, Electroplating System
- 4) By Ion Implantation Equipment: High-Energy Implanters, Medium-Energy Implanters, Low-Energy Implanters, Plasma Immersion Ion Implantation (PIII) Systems
- 5) By Cleaning Equipment: Wet Bench Cleaning Systems, Spin Cleaning Systems, Dry Cleaning Systems, Surface Preparation Systems, Chemical Mechanical Polishing (CMP) Cleaning Systems
- 6) By Testing And Metrology Equipment: Wafer Inspection Systems, Metrology Tools, Probe Stations, Testers, Yield Management And Analysis Systems

View the full used semiconductor equipment market report:

<https://www.thebusinessresearchcompany.com/report/used-semiconductor-equipment-global-market-report>

Which Region Holds The Largest Market Share In The Used Semiconductor Equipment Market?
In 2024, North America held the leading position in the global used semiconductor equipment market. It is anticipated that Asia-Pacific will witness the most rapid growth in the forthcoming years. The regions analyzed in the report on the global used semiconductor equipment market include Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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