

Global Wafer Handling Arm for Semiconductor Wafer Robots Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Wafer Handling Arm for Semiconductor Wafer Robots market size is expected to reach \$ 127.6 million by 2029, rising at a market growth of 5.2% CAGR during the forecast period (2023-2029).

Semiconductor manufacturing equipment is a medium tool for achieving semiconductor manufacturing processes, playing an important role in all aspects. According to SEMI, worldwide sales of semiconductor manufacturing equipment increased 5% from \$102.6 billion in 2021 to an all-time record of \$107.6 billion in 2022.

In recent years, the localization process of China's semiconductor industry has further accelerated, and the performance of semiconductor equipment is more flexible than the overall industry. The localization of semiconductor equipment is ushering in a golden wave, and domestic semiconductor equipment is facing more opportunities for verification and trial use, technical cooperation, and import substitution. For the third consecutive year, China remained the largest semiconductor equipment market in 2022 despite a 5% slowdown in the pace of investments in the region year over year, accounting for \$28.3 billion in billings.

The record high for semiconductor manufacturing equipment sales in 2022 stems from the industry's drive to add the fab capacity required to support long-term growth and innovations in key end markets including high-performance computing and automotive. Additionally, the results reflect investments and determination across regions to avoid future semiconductor supply chain constraints like those that surfaced during the pandemic.

This report studies the Wafer End Effectors (Handling Arm).

This report studies the global Wafer Handling Arm for Semiconductor Wafer Robots production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Wafer Handling Arm for Semiconductor Wafer Robots, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Wafer Handling Arm for Semiconductor Wafer Robots that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Wafer Handling Arm for Semiconductor Wafer Robots total production and demand, 2018-2029, (Units)

Global Wafer Handling Arm for Semiconductor Wafer Robots total production value, 2018-2029, (USD Million)

Global Wafer Handling Arm for Semiconductor Wafer Robots production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Wafer Handling Arm for Semiconductor Wafer Robots consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Wafer Handling Arm for Semiconductor Wafer Robots domestic production, consumption, key domestic manufacturers and share

Global Wafer Handling Arm for Semiconductor Wafer Robots production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Wafer Handling Arm for Semiconductor Wafer Robots production by Materials, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Wafer Handling Arm for Semiconductor Wafer Robots production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global Wafer Handling Arm for Semiconductor Wafer Robots market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include JEL Corporation, Kensington Laboratories, Nidec (Genmark Automation), Innovative Robotics, isel Germany AG, Mechatronic Systemtechnik GmbH, CoreFlow, Shen-Yueh Technology and Coorstek, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Wafer Handling Arm for Semiconductor Wafer Robots market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Materials, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Wafer Handling Arm for Semiconductor Wafer Robots Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Wafer Handling Arm for Semiconductor Wafer Robots Market, Segmentation by Materials

Metal Wafer End Effector

Ceramic Wafer End Effector

Carbon Composite (CFRP) End Effectors

Global Wafer Handling Arm for Semiconductor Wafer Robots Market, Segmentation by Application

Atmospheric Wafer Robot

Vacuum Wafer Robot

Companies Profiled:

JEL Corporation

Kensington Laboratories

Nidec (Genmark Automation)

Innovative Robotics

isel Germany AG

Mechatronic Systemtechnik GmbH

CoreFlow

Shen-Yueh Technology

Coorstek

NGK SPARK PLUG

ASUZAC Fine Ceramics

Astel Srl - Semisyn division

CeramTec

Minox Techno

Kyocera

Morgan Advanced Materials

Japan Fine Ceramics Co., Ltd. (JFC)

3M

Ferrotec

St.Cera Co., Ltd

SANWA ENGINEERING CORP.

Shanghai Companion

Sanzer (Shanghai) New Materials Technology

Key Questions Answered

1. How big is the global Wafer Handling Arm for Semiconductor Wafer Robots market?
2. What is the demand of the global Wafer Handling Arm for Semiconductor Wafer Robots market?
3. What is the year over year growth of the global Wafer Handling Arm for

Semiconductor Wafer Robots market?

4. What is the production and production value of the global Wafer Handling Arm for Semiconductor Wafer Robots market?

5. Who are the key producers in the global Wafer Handling Arm for Semiconductor Wafer Robots market?

6. What are the growth factors driving the market demand?

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