

Global X-Ray Lithography Equipment Market Research Report 2023

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Abstracts

X-ray lithography, is a process used in electronic industry to selectively remove parts of a thin film. It uses X-rays to transfer a geometric pattern from a mask to a light-sensitive chemical photoresist, or simply 'resist,' on the substrate. A series of chemical treatments then engraves the produced pattern into the material underneath the photoresist. X-ray lithography plays a significant role in the modern semiconductor industry and is being implemented by various industry verticals around the globe. The rising demand for small electronic chips will drive the sales of X-ray lithography equipment during the forecast period.

According to QYResearch's new survey, global X-Ray Lithography Equipment market is projected to reach US\$ 5341.4 million in 2029, increasing from US\$ 3026 million in 2022, with the CAGR of 8.5% during the period of 2023 to 2029. Influencing issues, such as economy environments, COVID-19 and Russia-Ukraine War, have led to great market fluctuations in the past few years and are considered comprehensively in the whole X-Ray Lithography Equipment market research.

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.

Report Scope

This report, based on historical analysis (2018-2022) and forecast calculation (2023-2029), aims to help readers to get a comprehensive understanding of global X-Ray Lithography Equipment market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

By Company

Nabity Lithography

Rolith

SUSS MicroTec

ASML

Optnics Precision

Canon U.S.A.

NIL Technology

Nanonics Imaging

Leica

Raith GmbH

Segment by Type

X-Ray LIGA

UV LIGA

Segment by Application

0.01 nm - 2 nm

2 nm - 5 nm

5 nm - 8 nm

8 nm - 10 nm

Production by Region

North America

Europe

China

Japan

Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

Latin America, Middle East & Africa

Mexico

Brazil

Turkey

GCC Countries

The X-Ray Lithography Equipment report covers below items:

Chapter 1: Product Basic Information (Definition, type and application)

Chapter 2: Manufacturers' Competition Patterns

Chapter 3: Production Region Distribution and Analysis

Chapter 4: Country Level Sales Analysis

Chapter 5: Product Type Analysis

Chapter 6: Product Application Analysis

Chapter 7: Manufacturers' Outline

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