+44 20 8123 2220
info@marketpublishers.com

Global Nanoimprint Lithography System Market Size, Manufacturers, Opportunities and Forecast to 2030

https://marketpublishers.com/r/GFE2FE5C35CCEN.html
Date: April 2024
Pages: 97
Price: US$ 3,450.00 (Single User License)
ID: GFE2FE5C35CCEN

Abstracts

Imprinting technology is an ancient technique for the reproduction of writings on appropriate supports. Since 1990?s, one of the imprinting techniques, i.e., injection moulding has been used for compact disk (CD) production. More recently, the semiconductor industry is interested in imprint related techniques because of the mass production requirement of future microelectronic circuits with a possible critical dimension down to a few nanometers. At this deep nanometer scale, traditional photolithography is supposed to rule out because of the optical diffraction or material limitations. In fact, the actual minimum feature size in an integrated circuit (IC) is already less than 50 nm and the actual manufacturing systems are already extremely sophisticated and expensive. The semiconductor industry has always been looking for alternative patterning methods in order to follow Moore?s law, which has been formulated to predict the evolution of the technology nodes. Now, extreme UV lithography (EUV), 193 nm immersion lithography, mask less lithography (MLL) techniques and nanoimprint lithography (NIL) are considered as candidates for the so called Next Generation Lithography (NGL) at 32 nm and 22 nm nodes. In parallel, imprint technology has been promoted by a large scientific community and non-IC industry segments including high-density storage, optoelectronics, telecommunication as well as biochips or micro total analysis systems.

According to APO Research, The global Nanoimprint Lithography System market was estimated at US$ million in 2023 and is projected to reach a revised size of US$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global Nanoimprint Lithography System key players include Obducat, EV Group, Canon(Molecular Imprints), etc. Global top three manufacturers hold a share about 75%.

+44 20 8123 2220
info@marketpublishers.com

Europe is the largest market, with a share about 53%, followed by China and North America, both have a share about 35 percent.

In terms of product, UV-based Nanoimprint Lithography (UV-NIL) is the largest segment, with a share about 40%. And in terms of application, the largest application is Optical equipment, followed by Consumer electronics, etc.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Nanoimprint Lithography System, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Nanoimprint Lithography System.

The Nanoimprint Lithography System market size, estimations, and forecasts are provided in terms of sales volume (Units) and revenue ($ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Nanoimprint Lithography System market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Obducat

+44 20 8123 2220
info@marketpublishers.com

EV Group

Canon (Molecular Imprints)

Nanonex

SUSS MicroTec

GuangDuo Nano

Nanoimprint Lithography System segment by Type

Hot Embossing (HE)

UV-based Nanoimprint Lithography (UV-NIL)

Micro Contact Printing (μ-CP)

Nanoimprint Lithography System segment by Application

Consumer Electronics

Optical Equipment

Others

Nanoimprint Lithography System Segment by Region

North America

U.S.

Canada

Europe

+44 20 8123 2220
info@marketpublishers.com

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

+44 20 8123 2220
info@marketpublishers.com

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Nanoimprint Lithography System market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Nanoimprint Lithography System and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market

+44 20 8123 2220
info@marketpublishers.com

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Nanoimprint Lithography System.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Nanoimprint Lithography System manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Nanoimprint Lithography System in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

+44 20 8123 2220
info@marketpublishers.com

Chapter 13: Concluding Insights of the report.

+44 20 8123 2220
info@marketpublishers.com

Contents

1 MARKET OVERVIEW

1.1 Product Definition
1.2 Global Market Growth Prospects
  1.2.1 Global Nanoimprint Lithography System Market Size Estimates and Forecasts (2019-2030)
  1.2.2 Global Nanoimprint Lithography System Sales Estimates and Forecasts (2019-2030)
1.3 Nanoimprint Lithography System Market by Type
  1.3.1 Hot Embossing (HE)
  1.3.2 UV-based Nanoimprint Lithography (UV-NIL)
  1.3.3 Micro Contact Printing (µ-CP)
1.4 Global Nanoimprint Lithography System Market Size by Type
  1.4.1 Global Nanoimprint Lithography System Market Size Overview by Type (2019-2030)
  1.4.2 Global Nanoimprint Lithography System Historic Market Size Review by Type (2019-2024)
  1.4.3 Global Nanoimprint Lithography System Forecasted Market Size by Type (2025-2030)
1.5 Key Regions Market Size by Type
  1.5.1 North America Nanoimprint Lithography System Sales Breakdown by Type (2019-2024)
  1.5.2 Europe Nanoimprint Lithography System Sales Breakdown by Type (2019-2024)
  1.5.3 Asia-Pacific Nanoimprint Lithography System Sales Breakdown by Type (2019-2024)
  1.5.4 Latin America Nanoimprint Lithography System Sales Breakdown by Type (2019-2024)
  1.5.5 Middle East and Africa Nanoimprint Lithography System Sales Breakdown by Type (2019-2024)

2 GLOBAL MARKET DYNAMICS

2.1 Nanoimprint Lithography System Industry Trends
2.2 Nanoimprint Lithography System Industry Drivers
2.3 Nanoimprint Lithography System Industry Opportunities and Challenges
2.4 Nanoimprint Lithography System Industry Restraints

+44 20 8123 2220
info@marketpublishers.com

3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

3.1 Global Top Players by Nanoimprint Lithography System Revenue (2019-2024)
3.2 Global Top Players by Nanoimprint Lithography System Sales (2019-2024)
3.3 Global Top Players by Nanoimprint Lithography System Price (2019-2024)
3.4 Global Nanoimprint Lithography System Industry Company Ranking, 2022 VS 2023 VS 2024
3.5 Global Nanoimprint Lithography System Key Company Manufacturing Sites & Headquarters
3.6 Global Nanoimprint Lithography System Company, Product Type & Application
3.7 Global Nanoimprint Lithography System Company Commercialization Time
3.8 Market Competitive Analysis
  3.8.1 Global Nanoimprint Lithography System Market CR5 and HHI
  3.8.2 Global Top 5 and 10 Nanoimprint Lithography System Players Market Share by Revenue in 2023
  3.8.3 2023 Nanoimprint Lithography System Tier 1, Tier 2, and Tier

4 NANOIMPRINT LITHOGRAPHY SYSTEM REGIONAL STATUS AND OUTLOOK

4.1 Global Nanoimprint Lithography System Market Size and CAGR by Region: 2019 VS 2023 VS 2030
4.2 Global Nanoimprint Lithography System Historic Market Size by Region
  4.2.1 Global Nanoimprint Lithography System Sales in Volume by Region (2019-2024)
  4.2.2 Global Nanoimprint Lithography System Sales in Value by Region (2019-2024)
  4.2.3 Global Nanoimprint Lithography System Sales (Volume & Value), Price and Gross Margin (2019-2024)
4.3 Global Nanoimprint Lithography System Forecasted Market Size by Region
  4.3.1 Global Nanoimprint Lithography System Sales in Volume by Region (2025-2030)
  4.3.2 Global Nanoimprint Lithography System Sales in Value by Region (2025-2030)
  4.3.3 Global Nanoimprint Lithography System Sales (Volume & Value), Price and Gross Margin (2025-2030)

5 NANOIMPRINT LITHOGRAPHY SYSTEM BY APPLICATION

5.1 Nanoimprint Lithography System Market by Application
  5.1.1 Consumer Electronics
  5.1.2 Optical Equipment
  5.1.3 Others
5.2 Global Nanoimprint Lithography System Market Size by Application

+44 20 8123 2220
info@marketpublishers.com

5.2.1 Global Nanoimprint Lithography System Market Size Overview by Application (2019-2030)
5.2.2 Global Nanoimprint Lithography System Historic Market Size Review by Application (2019-2024)
5.2.3 Global Nanoimprint Lithography System Forecasted Market Size by Application (2025-2030)
5.3 Key Regions Market Size by Application
5.3.1 North America Nanoimprint Lithography System Sales Breakdown by Application (2019-2024)
5.3.2 Europe Nanoimprint Lithography System Sales Breakdown by Application (2019-2024)
5.3.3 Asia-Pacific Nanoimprint Lithography System Sales Breakdown by Application (2019-2024)
5.3.4 Latin America Nanoimprint Lithography System Sales Breakdown by Application (2019-2024)
5.3.5 Middle East and Africa Nanoimprint Lithography System Sales Breakdown by Application (2019-2024)

6 COMPANY PROFILES

6.1 Obducat
6.1.1 Obducat Comapny Information
6.1.2 Obducat Business Overview
6.1.3 Obducat Nanoimprint Lithography System Sales, Revenue and Gross Margin (2019-2024)
6.1.4 Obducat Nanoimprint Lithography System Product Portfolio
6.1.5 Obducat Recent Developments
6.2 EV Group
6.2.1 EV Group Comapny Information
6.2.2 EV Group Business Overview
6.2.3 EV Group Nanoimprint Lithography System Sales, Revenue and Gross Margin (2019-2024)
6.2.4 EV Group Nanoimprint Lithography System Product Portfolio
6.2.5 EV Group Recent Developments
6.3 Canon (Molecular Imprints)
6.3.1 Canon (Molecular Imprints) Comapny Information
6.3.2 Canon (Molecular Imprints) Business Overview
6.3.3 Canon (Molecular Imprints) Nanoimprint Lithography System Sales, Revenue and Gross Margin (2019-2024)

+44 20 8123 2220
info@marketpublishers.com

6.3.4 Canon (Molecular Imprints) Nanoimprint Lithography System Product Portfolio
6.3.5 Canon (Molecular Imprints) Recent Developments
6.4 Nanonex
6.4.1 Nanonex Comapny Information
6.4.2 Nanonex Business Overview
6.4.3 Nanonex Nanoimprint Lithography System Sales, Revenue and Gross Margin (2019-2024)
6.4.4 Nanonex Nanoimprint Lithography System Product Portfolio
6.4.5 Nanonex Recent Developments
6.5 SUSS MicroTec
6.5.1 SUSS MicroTec Comapny Information
6.5.2 SUSS MicroTec Business Overview
6.5.3 SUSS MicroTec Nanoimprint Lithography System Sales, Revenue and Gross Margin (2019-2024)
6.5.4 SUSS MicroTec Nanoimprint Lithography System Product Portfolio
6.5.5 SUSS MicroTec Recent Developments
6.6 GuangDuo Nano
6.6.1 GuangDuo Nano Comapny Information
6.6.2 GuangDuo Nano Business Overview
6.6.3 GuangDuo Nano Nanoimprint Lithography System Sales, Revenue and Gross Margin (2019-2024)
6.6.4 GuangDuo Nano Nanoimprint Lithography System Product Portfolio
6.6.5 GuangDuo Nano Recent Developments

7 NORTH AMERICA BY COUNTRY

7.1 North America Nanoimprint Lithography System Sales by Country
7.1.1 North America Nanoimprint Lithography System Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
7.1.2 North America Nanoimprint Lithography System Sales by Country (2019-2024)
7.1.3 North America Nanoimprint Lithography System Sales Forecast by Country (2025-2030)
7.2 North America Nanoimprint Lithography System Market Size by Country
7.2.1 North America Nanoimprint Lithography System Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
7.2.2 North America Nanoimprint Lithography System Market Size by Country (2019-2024)
7.2.3 North America Nanoimprint Lithography System Market Size Forecast by Country (2025-2030)

+44 20 8123 2220
info@marketpublishers.com

8 EUROPE BY COUNTRY

8.1 Europe Nanoimprint Lithography System Sales by Country
  8.1.1 Europe Nanoimprint Lithography System Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  8.1.2 Europe Nanoimprint Lithography System Sales by Country (2019-2024)
  8.1.3 Europe Nanoimprint Lithography System Sales Forecast by Country (2025-2030)
8.2 Europe Nanoimprint Lithography System Market Size by Country
  8.2.1 Europe Nanoimprint Lithography System Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  8.2.2 Europe Nanoimprint Lithography System Market Size by Country (2019-2024)
  8.2.3 Europe Nanoimprint Lithography System Market Size Forecast by Country (2025-2030)

9 ASIA-PACIFIC BY COUNTRY

9.1 Asia-Pacific Nanoimprint Lithography System Sales by Country
  9.1.1 Asia-Pacific Nanoimprint Lithography System Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  9.1.2 Asia-Pacific Nanoimprint Lithography System Sales by Country (2019-2024)
  9.1.3 Asia-Pacific Nanoimprint Lithography System Sales Forecast by Country (2025-2030)
9.2 Asia-Pacific Nanoimprint Lithography System Market Size by Country
  9.2.1 Asia-Pacific Nanoimprint Lithography System Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  9.2.2 Asia-Pacific Nanoimprint Lithography System Market Size by Country (2019-2024)
  9.2.3 Asia-Pacific Nanoimprint Lithography System Market Size Forecast by Country (2025-2030)

10 LATIN AMERICA BY COUNTRY

10.1 Latin America Nanoimprint Lithography System Sales by Country
  10.1.1 Latin America Nanoimprint Lithography System Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  10.1.2 Latin America Nanoimprint Lithography System Sales by Country (2019-2024)
  10.1.3 Latin America Nanoimprint Lithography System Sales Forecast by Country (2025-2030)

+44 20 8123 2220
info@marketpublishers.com

10.2 Latin America Nanoimprint Lithography System Market Size by Country
10.2.1 Latin America Nanoimprint Lithography System Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
10.2.2 Latin America Nanoimprint Lithography System Market Size by Country (2019-2024)
10.2.3 Latin America Nanoimprint Lithography System Market Size Forecast by Country (2025-2030)

11 MIDDLE EAST AND AFRICA BY COUNTRY

11.1 Middle East and Africa Nanoimprint Lithography System Sales by Country
11.1.1 Middle East and Africa Nanoimprint Lithography System Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
11.1.2 Middle East and Africa Nanoimprint Lithography System Sales by Country (2019-2024)
11.1.3 Middle East and Africa Nanoimprint Lithography System Sales Forecast by Country (2025-2030)
11.2 Middle East and Africa Nanoimprint Lithography System Market Size by Country
11.2.1 Middle East and Africa Nanoimprint Lithography System Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
11.2.2 Middle East and Africa Nanoimprint Lithography System Market Size by Country (2019-2024)
11.2.3 Middle East and Africa Nanoimprint Lithography System Market Size Forecast by Country (2025-2030)

12 VALUE CHAIN AND SALES CHANNELS ANALYSIS

12.1 Nanoimprint Lithography System Value Chain Analysis
12.1.1 Nanoimprint Lithography System Key Raw Materials
12.1.2 Key Raw Materials Price
12.1.3 Raw Materials Key Suppliers
12.1.4 Manufacturing Cost Structure
12.1.5 Nanoimprint Lithography System Production Mode & Process
12.2 Nanoimprint Lithography System Sales Channels Analysis
12.2.1 Direct Comparison with Distribution Share
12.2.2 Nanoimprint Lithography System Distributors
12.2.3 Nanoimprint Lithography System Customers

13 CONCLUDING INSIGHTS

+44 20 8123 2220
info@marketpublishers.com

14 APPENDIX

14.1 Reasons for Doing This Study
14.2 Research Methodology
14.3 Research Process
14.4 Authors List of This Report
14.5 Data Source
  14.5.1 Secondary Sources
  14.5.2 Primary Sources
14.6 Disclaimer

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global Nanoimprint Lithography System Market Size, Manufacturers, Opportunities and Forecast to 2030

Product link: https://marketpublishers.com/r/GFE2FE5C35CCEN.html

Price: US$ 3,450.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GFE2FE5C35CCEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

+44 20 8123 2220
info@marketpublishers.com