

COVID-19 Global & China Nanoimprint Lithography System Market Research by Company, Type & Application 2015-2026

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Abstracts

SUMMARY

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.

HeyReport estimates that the Nanoimprint Lithography System market size will grow from xxx Million USD in 2020 to xxxx Million USD by 2025, and with a CAGR of xx%. The base year considered for this report is 2019, and the market forecast is projected from 2021 to 2025.

In this report, HeyReport discusses the Global & China industrial policies, economic environment, and the impact of covid-19 on the Nanoimprint Lithography System industry and its cost structure. Besides, this report covers the basic market dynamics, market size and companies competition data. In addition, the report also conducts basic market research on major product type, market end-use and regional trade.

Market Segment as follows:

Product Type Segmentation Includes

Hot Embossing (HE)

UV-based Nanoimprint Lithography (UV-NIL)

Micro Contact Printing (?-CP)

Application Segmentation Includes

Consumer Electronics

Optical Equipment

Others

Companies Includes

Obducat

EV Group

Canon (Molecular Imprints)

Nanonex

SUSS MicroTec

GuangDuo Nano

The main contents of the report including:

Section 1:

Product definition, type and application, Global & China market overview;

Section 2:

Global & China Market competition by company;

Section 3:

Global & China sales revenue, volume and price by type;

Section 4:

Global & China sales revenue, volume and price by application;

Section 5:

China export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

Industrial policies & economic environment

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Conclusion.

For any other requirements, please feel free to contact HeyReport for customized contents.

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