

# Direct-write Electron Beam Lithography Systems Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Direct-write Electron beam lithography (e-beam lithography) is a direct writing technique that uses an accelerated beam of electrons to pattern features down to sub-10 nm on substrates that have been coated with an electron beam sensitive resist. Exposure to the electron beam changes the solubility of the resist, enabling selective removal of either the exposed or non-exposed regions of the resist by immersing it in a developer.

This report contains market size and forecasts of Direct-write Electron Beam Lithography Systems in global, including the following market information:

Global Direct-write Electron Beam Lithography Systems Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Direct-write Electron Beam Lithography Systems Market Sales, 2017-2022, 2023-2028, (Units)

Global top five Direct-write Electron Beam Lithography Systems companies in 2021 (%)

The global Direct-write Electron Beam Lithography Systems market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Gaussian beam EBL Systems Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Direct-write Electron Beam Lithography Systems include Raith, ADVANTEST, JEOL, Elionix, Crestec and NanoBeam, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Direct-write Electron Beam Lithography Systems manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Direct-write Electron Beam Lithography Systems Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Direct-write Electron Beam Lithography Systems Market Segment Percentages, by Type, 2021 (%)

Gaussian beam EBL Systems

Shaped beam EBL Systems

Global Direct-write Electron Beam Lithography Systems Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Direct-write Electron Beam Lithography Systems Market Segment Percentages, by Application, 2021 (%)

Academic Field

Industrial Field

Others

Global Direct-write Electron Beam Lithography Systems Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Units)

## Global Direct-write Electron Beam Lithography Systems Market Segment Percentages, By Region and Country, 2021 (%)

### North America

US

Canada

Mexico

### Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

### Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Direct-write Electron Beam Lithography Systems revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Direct-write Electron Beam Lithography Systems revenues share in global market, 2021 (%)

Key companies Direct-write Electron Beam Lithography Systems sales in global market, 2017-2022 (Estimated), (Units)

Key companies Direct-write Electron Beam Lithography Systems sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Raith

ADVANTEST

JEOL

Elionix

Crestec

NanoBeam

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