

Extreme Ultraviolet (EUV) Lithography Market 2023-2033: 336% CAGR, 8% Market Share, 20% Growth.

ASML Holding NV, Nikon Corporation, Canon Inc., Ultratech, Intel Corporation, Samsung Electronics Co., Ltd.

SEJONG-SI, SOUTH KOREA, January 3, 2025 /EINPresswire.com/ -- The Extreme Ultraviolet (EUV) lithography market is projected to grow at a CAGR of 33.6% from 2023 to 2033, reaching a market size of \$8 billion. The market is driven by the increasing demand for high-resolution lithography in the semiconductor industry, particularly for 7nm and below nodes. Key players in the market include ASML Holding NV, Nikon Corporation, Canon Inc., Ultratech, Intel Corporation, and Samsung Electronics Co., Ltd.

Extreme ultraviolet (EUV) lithography ($\lambda=13.5\text{nm}$)

- Short wavelength (13.5 nm) permits high resolution even with small numerical apertures.
- One candidate for next generation lithography

4:1 reduction optics, aspheric, multilayer coated

Wafer to record 0.1 μm features or smaller, over cm^2 dimensions

Mo/Si
6.7 nm period
Si substrate

Mo/Be
70.2% at 11.34 nm (FWHM=0.27 nm)

Mo/Si
67.5% at 13.42 nm (FWHM=0.56 nm)

Reflectance

WAVELENGTH, λ [nm]

Lens (transmission) is not possible at EUV. So use reflection lens (mirrors). Bragg reflector made of alternating Mo/Si layers that enables high efficiency (68% at normal incidence) reflection of 13.5 nm light.

Extreme Ultraviolet Lithography

The market is projected to grow at a CAGR of 20% from 2023 to 2033, reaching a market size of \$8 billion.



“The Extreme Ultraviolet (EUV) lithography market is projected to grow at a CAGR of 33.6% from 2023 to 2033, reaching a market size of \$8 billion.”

ExactitudeConsultancy

For more information (PDF Report) @:

<https://exactitudeconsultancy.com/reports/37447/extreme-ultraviolet-lithography-market/#request-a-sample>

Contact us for more information.

ASML Holding NV, Nikon Corporation, Canon Inc., Ultratech, Intel Corporation, Samsung Electronics Co., Ltd., Taiwan Semiconductor Manufacturing Company Limited(TSMC), GlobalFoundries, Applied Materials, Inc., Gigaphoton Inc., Carl Zeiss AG, NuFlare Technology Inc., Toppan Printing Co., Ltd., Ultratech/Cambridge Nanotech, JSR Corporation, Hermes Microvision Inc.(HMI), Mentor, Siemens Business, SUSS MicroTec SE, Ultratech/Cambridge Nanotech, Ushio

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<https://www.thehealthanalytics.com/>

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<https://exactitudeconsultancy.com/reports/16764/membranes-market>

□□ □□□ □□ 2024□□□ 2030□□□ 8.80% CAGR □□ □□ □□□□. 2023□ 96□ □□□ 2033□□□ 205□
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<https://exactitudeconsultancy.com/reports/11076/hd-map-market/>

□□ HD □□ □□ 2024□□□ 2030□□□ 32% CAGR □□ □□ □□□□. 2023□ 10□ 6□ □□□ 2033□□□
129□ □□ □□ □□ □□□□.

<https://exactitudeconsultancy.com/reports/30492/hyperspectral-imaging-system-market/>

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<https://exactitudeconsultancy.com/reports/11880/blood-collection-devices-market/>

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<https://exactitudeconsultancy.com/reports/1246/plant-based-□□□-market/>

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187□ □□ □□ □□ □□□□.

<https://exactitudeconsultancy.com/reports/10996/fragrance-packaging-market/>

Market is projected to reach 123 billion by 2030, growing at a 4.95% CAGR from 2022. 80 billion in 2022, 8 billion in 2033.

<https://exactitudeconsultancy.com/reports/18406/ceramic-substrates-market/>

Market is projected to reach 110 billion by 2033, growing at a 6.0% CAGR from 2023.

<https://exactitudeconsultancy.com/reports/26885/hot-melt-adhesive-tapes-market/>

Market is projected to reach 113 billion by 2030, growing at a 4.9% CAGR from 2020. 73 billion in 2020, 9 billion in 2033.

<https://exactitudeconsultancy.com/reports/32488/supply-chain-management-market/>

Market is projected to reach 648 billion by 2033, growing at a 11.8% CAGR from 2023. 297 billion in 2023, 6 billion in 2033.

<https://exactitudeconsultancy.com/reports/45199/acute-care-telemedicine-market/>

Market is projected to reach 639 billion by 2032, growing at a 14.43% CAGR from 2023. 8 billion in 2023, 8 billion in 2032.

Market is projected to reach 639 billion by 2032, growing at a 14.43% CAGR from 2023. 8 billion in 2023, 8 billion in 2032.

Market:

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