

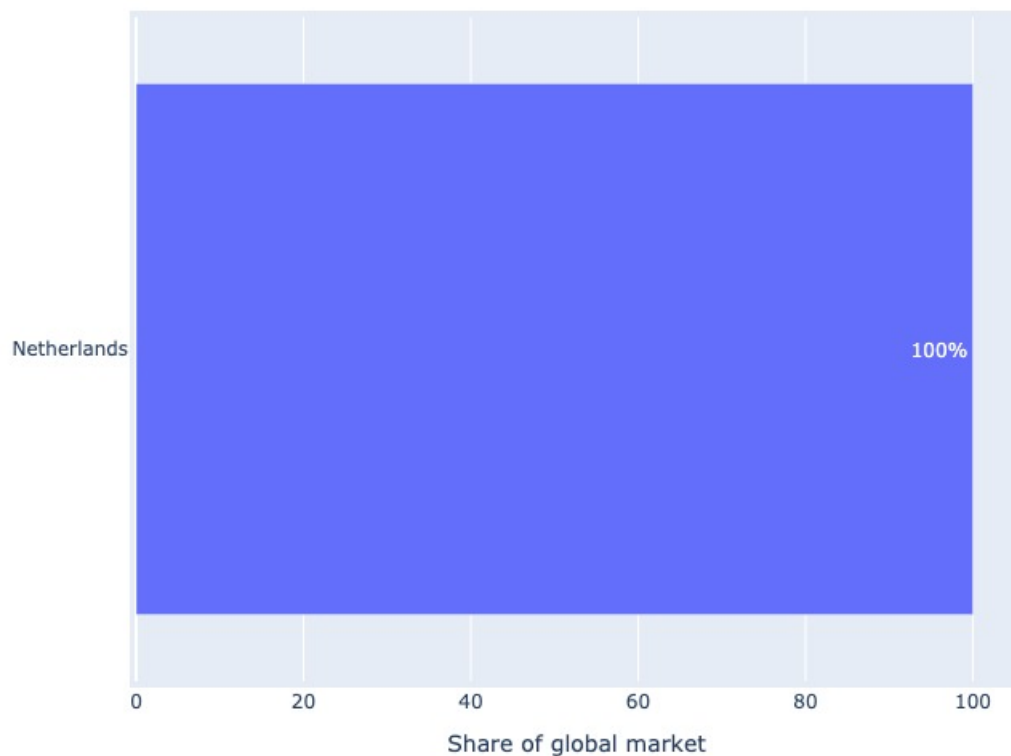
# Supply Chain Explorer: EUV scanners

This is an export from the Emerging Technology Observatory **Supply Chain Explorer** (<https://chipexplorer.eto.tech>). You can see the web version of this content at <https://chipexplorer.eto.tech/?filter-choose=input-resource&input-resource=N20>.

## EUV scanners

EUV scanners are the most advanced photolithography equipment currently used in mass semiconductor production. They are the only tools combining leading-edge precision (by producing light with small wavelengths) with high throughput (by using photomasks), and are necessary for mass-producing the most advanced logic chips. They are exclusively built by the Dutch firm ASML. A single EUV scanner costs well over \$100 million, ships in 40 freight containers and contains about 100,000 individual parts.

### Supplier countries



### Notable supplier companies

- ASML - Netherlands