

Supply Chain Explorer

By the Emerging Technology Observatory

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Deposition tools

Deposition tools are used to deposit thin films of materials on a silicon wafer. After lithography and etching, these films become different chip layers, including for transistors, interconnects (wires), and other elements.

Variants

- Physical vapor deposition tools
- Rapid thermal processing tools
- Tube-based diffusion and deposition tools
- Electrochemical coating tools
- Chemical vapor deposition tools

Supplier countries (Variants)

- China (mainland)
- Japan
- Netherlands
- South Korea
- Switzerland
- Taiwan
- United Kingdom
- United States

Notable supplier companies (Variants)

- AP Systems (negligible market share) - South Korea
- ASM International (negligible market share) - Netherlands
- ASM International - Netherlands
- Applied Materials - United States
- Grand Process (negligible market share) - Taiwan
- KLA - United States
- Kokusai - Japan
- Lam Research - United States
- Mattson Tech - United States
- NAURA (negligible market share) - China (mainland)
- Piotech (negligible market share) - China (mainland)
- SKY Technology Development (negligible market share) - China (mainland)
- Screen - Japan
- Tokyo Electron - Japan
- ULVAC - Japan
- Veeco - United States