

# Supply Chain Explorer

By the Emerging Technology Observatory

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## Chemical vapor deposition tools

Chemical vapor deposition (CVD) tools create a chemical vapor that deposits films on the wafer atom-by-atom or molecule-by-molecule. CVD is the most widely used deposition technique in chip fabrication. It is used to deposit most dielectrics (a type of insulator), silicon, and some metals.

### Variants

- Atomic layer deposition tools
- High-temperature CVD tools
- Low-pressure CVD tools
- Plasma CVD tools

### Supplier countries (Variants)

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

### Notable supplier companies (Variants)

- Applied Materials - United States
- ASM International - Netherlands
- Kokusai - Japan
- Lam Research - United States
- NAURA - China (mainland)
- Piotech - China (mainland)
- SKY Technology Development - China (mainland)
- Tokyo Electron - Japan