

Supply Chain Explorer

By the Emerging Technology Observatory

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Wafer inspection equipment

Even the tiniest imperfections can cause serious problems during chip production. Major types of wafer inspection tools include film and wafer measuring tools, critical dimensions measuring tools, defect inspection tools, general-purpose microscopes, and structural inspection tools.

Supplier countries

- China (mainland) (negligible)
- France (negligible)
- Germany
- Israel (negligible)
- Japan
- Netherlands
- United States

Variants

- Critical dimensions measurement tools
- Defect inspection tools
- Film and wafer measuring tools
- General-purpose microscopy tools

Notable supplier companies (Variants)

- Applied Materials - United States
- ASML - Netherlands
- Bruker - Germany
- Hitachi - Japan
- KLA - United States
- Nanotronics - United States
- Onto Innovation - United States
- PVA TePla - Germany
- Rigaku - Japan
- RSIC - China (mainland)
- Screen - Japan
- SMEE - China (mainland)
- Thermo Fisher - United States
- Zeiss - Germany