

INTREPID

Intrepid Atlas Cleaner/Sorter

The Atlas Automated Wafer Cleaner/Sorter includes all the essential steps for cleanroom support. Wafer cleaning, wafer sorting, alignment, and scribing (optional), are combined in one system. Thus, the Atlas Cleaner/Sorter assures high-yield, high-throughput processing of wafers up to 300 mm in size.

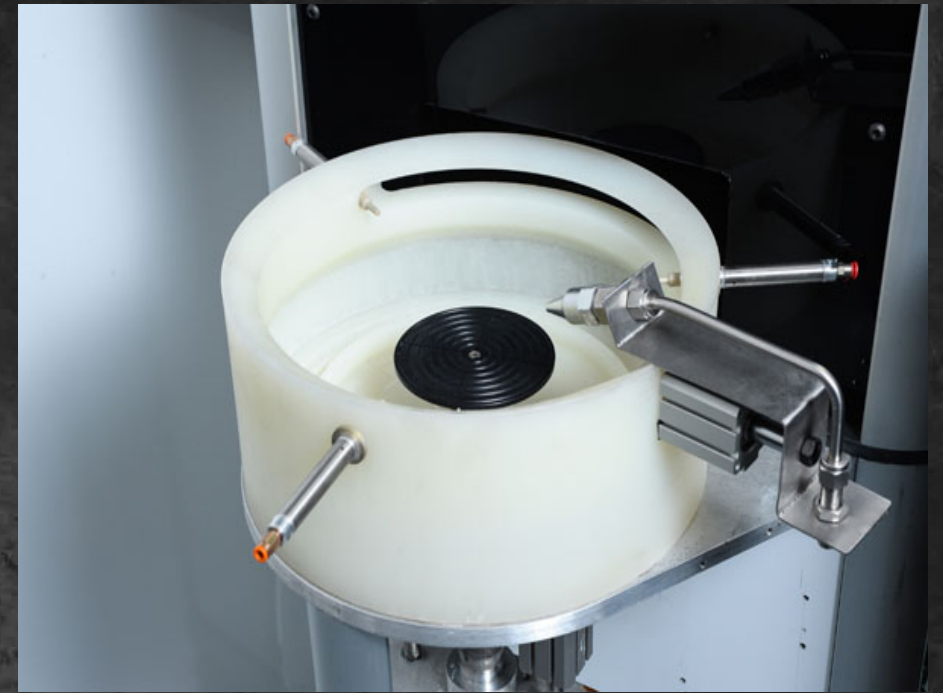
Features:

- Super critical CO₂, CO₂ (Snow)/or wet chemical cleaning and particle removal
- Plasma Cleaning
- Automated cassette-to-cassette operation (load and transfer cassette platforms, SMIF or FOUP loaders)
- Intrepid proprietary robotics
- Contamination-free class 1 handling
- Notch/flat alignment
- Wafer Scribing
- Advanced remote diagnostics

Clean Module

Proprietary Clean Module

- Three standard process options: Super critical CO₂, CO₂ (Snow), or dilute RCA clean with hot N₂ dry
- Single wafer processing with full recipe controls
- Centering pin load system to assure alignment eliminating unwanted vibrations



Scribe Reader

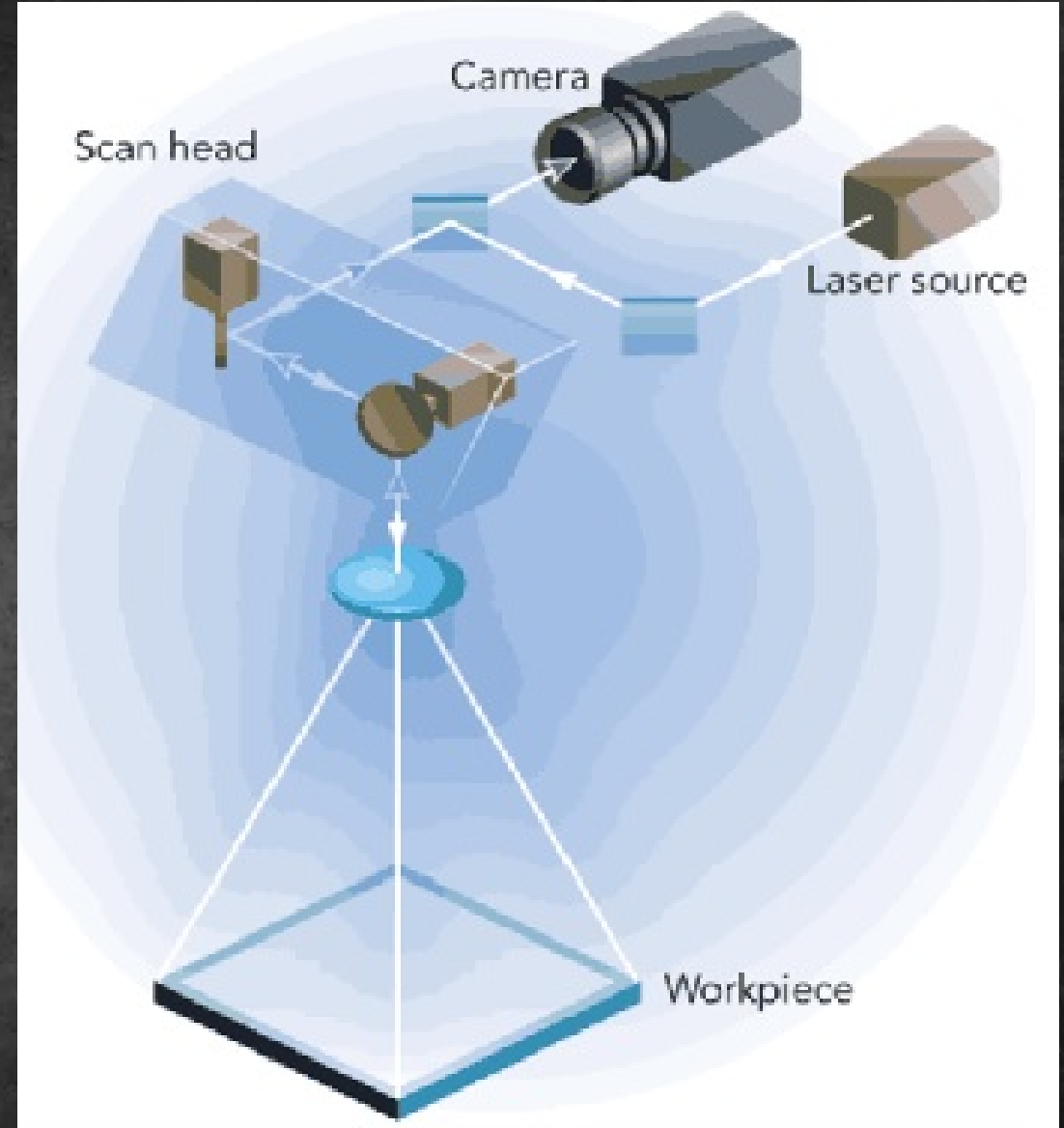
Scribe Reader Module

- High speed camera reader for reduce misreads
- Notch/Flat aligner
- Front or backside readings

Scriber (Optional)

Scribe Module

- Front side or backside write functions



System Footprint



Cleanroom view



Chase view

System pictured shows the dry clean module along side the wet process module.

Contact Us

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