

ZARIS®: Particle Detection System (PDS)

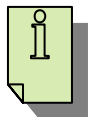
ZARIS: PDS

- Replaces the manual particle detection system with an automated reticle inspection system.
- There are three class III lasers used on the particle detection system (PDS). These lasers store data after a scan is performed. The data can be viewed and analyzed by the operator or any other personnel that would like to see the information obtained.



Value Proposition:

For Gen 2 ZARIS Customers looking to improve efficiency, quality, and repeatability of reticle inspection.





ZARIS®: Particle Detection System (PDS)

Features

- Fully integrated to the ZARIS
- Compatible with all 6" reticle and pellicle types
- Graphical User Interface
- Detects 10 micron or larger particles
- Inspects glass and pellicle surface
- Retrofittable into existing installed Gen 2 Zaris tools
- Programmable binning criteria
- Class 1 compatible
- Backed by 1-800-FOR-GUTS®:
7x24x365 Technical Support

Benefits

- Increased inspection quality
- Eliminates operator handling improving reticle safety
- Binning criteria provides valuable data to assist in reticle cleaning decisions
- Particle maps and data files assist in trending cleanliness issues
- Provides particle data to the fab-wide reticle management system to improve process efficiency
- Saves valuable footprint by eliminating manual inspection tables
- Automated reticle cleaning using the ZARIS CDA or Nitrogen needle



ZARIS[®] Particle Detection System (PDS)

