

MRSI-A-L **ACTIVE ALIGNER**



All-In-One Platform

- High precision passive pick & place
- Single and/or dual optical components alignment
- Precise dot or pattern dispensing
- In-situ UV for curing
- Precise reflective surface angular control of passively attached components
- 6 degrees of freedom active alignment of optical components and chips
- Precise active alignment in the nanometer and millidegree range
- Easily programmed sequence editor controls all processes and settings
- Turnkey integration

MRSI, Mycronic has been serving optoelectronic customers for the past 40+ years and understands their requirement to scale efficiently in today's fast-paced marketplace.

Configuration Highlights

MRSI-A-L is a dual 6-axis pick & place and active alignment station.

Configurations highlights:

- 360° rotatable laser angle collimator for high precision surface angular control
- Laser beam profile measurement and processing
- Powerful machine vision
- 1µm accuracy laser height detection
- Auto dispense & UV cure

Applications

- Optical communication
- Photonics sensors
- Automotive LiDAR
- Silicon photonics



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