

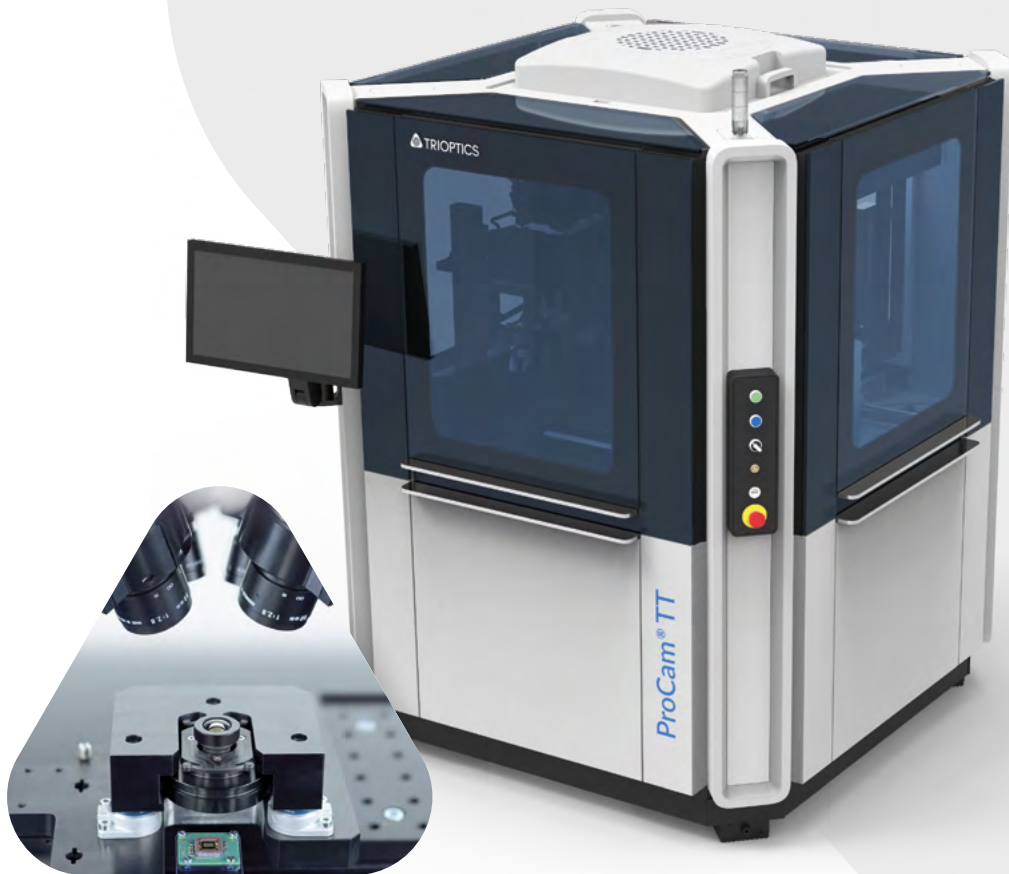


TRIOPTICS

See the Difference.

ProCam[®] TT

The Fastest and Most Precise System
for Camera Module Alignment and Assembly



Proven Active Alignment Technology

- Active alignment of cameras, dual cameras and LiDAR systems
- Sub-micron/sub-arcmin precision
- Six-axis positioning
- Alignment of the lens to the sensor board or vice versa: aligning sensor board to lens
- Wide-angle optics up to FOV 180° *
- High precision collimator target generators

High Performance with Smallest Footprint

- Footprint: 1400 mm x 1480 mm x 1875 mm
- Cycle time less than 12 seconds (300 units per hour) *
- Fastest product changeover in cycle time
- Highest product quality and yield
- Industry-proven automation system for high volume production 24/7

Smart Engineering

- Including the most accurate dispensing module & vision control
- Various test modules can be integrated on request
- Variable enclosure for manual loading or automatic robot loading
- Traceability and comprehensive data interface
- Clean room compatible
- Single device or integrated into a production line



Worldwide Support & Service

- Close network of service centers in Asia, USA and Europe
- Individual training and consulting at TRIOPTICS or on site at customers' location
- Online service portal with email ticket system
- IT-based remote maintenance
- Individual maintenance and service contracts

* after individual clarification