

AEROSPEC

HIGH VOLUME PRODUCTION EQUIPMENT

- AUTOMATED ASSEMBLY
- AUTOMATED TEST
- PROCESS DEVELOPMENT
- CONTROLS INTEGRATION
- MACHINE VISION
- VALIDATION

1.888.854.2376

www.aerospecinc.com

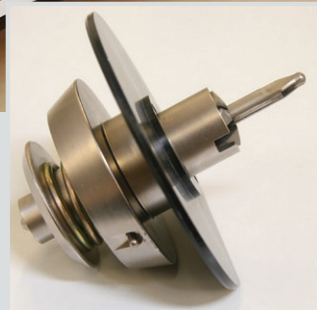
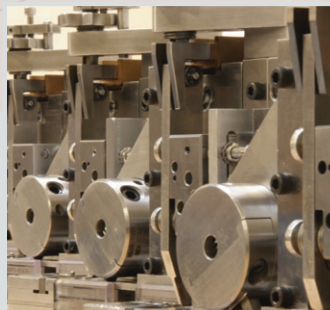
AEROSPEC

ASSEMBLY OPERATIONS - TESTING

Medical – Pharmaceutical – Solar – Semiconductor – Food



*DEMANDING,
HIGH-VOLUME
PRODUCTION
APPLICATIONS*

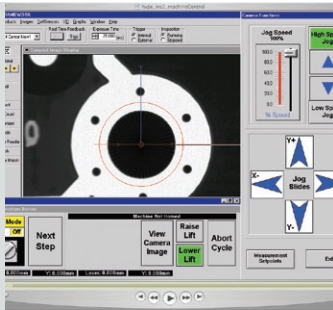


▲ TOOLING DESIGN

The dependability of high volume production equipment relies on precision tooling engineered to be efficient and robust.

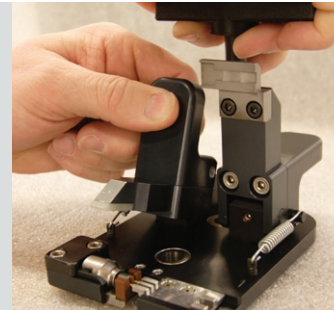
MACHINE CONTROL

AeroSpec equipment integrates both PLC and PC-based machine controllers depending on I/O, motion system, and machine vision requirements.



PROCESS DEVELOPMENT

Prior to committing to a final design, critical processes are qualified. AeroSpec often refines a customer's process to adapt to automated equipment.



FEED SYSTEMS

High speed parts feeding sustains high production output. Parts are fed to assembly operations using vibratory tracks and bowl feeders.

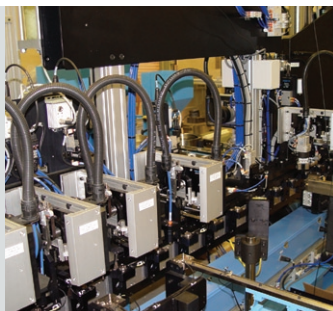


MACHINE VISION

Provides the capability for automated and repeatable Inspection (Presence), Measurement, Identification Tasks, and high speed Adaptive Positioning.

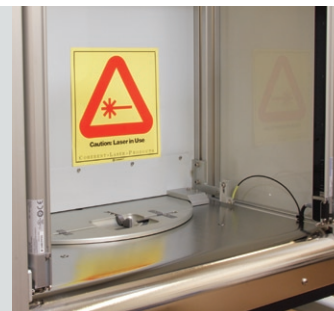
MATERIAL HANDLING

Parts index at extremely high cycle rates through sequential assembly and test operations using rotary indexing tables and conveyors.



MACHINE SAFETY

All Equipment meets OSHA and ANSI standards for guarding. All safety guarding is certified "Zero Access." Control systems comply with EN954-1, category 3.



Production Equipment is manufactured, wired, tested, documented, and supported following ISO 9001 procedures.

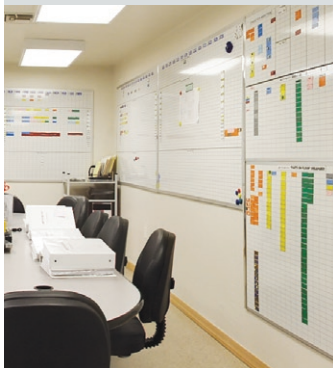
QUALITY STATEMENT

AeroSpec commits to understand and meet its customer's requirements by providing equipment and services that set industry standards for responsiveness, quality and value.



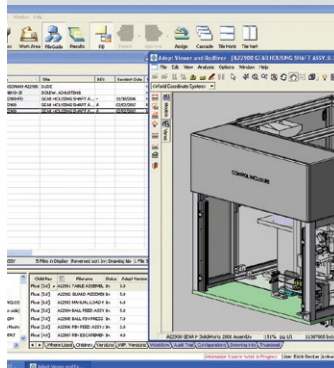
PROJECT MANAGEMENT

The key to the success of a project with a tight deadline where long lead components are an issue. ***Proven Track Record of on-time delivery.***



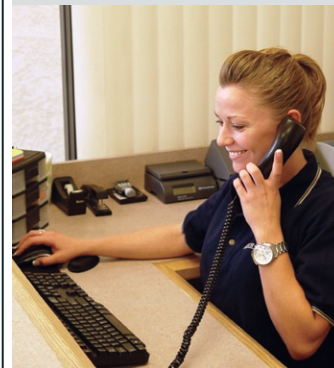
DOCUMENTATION

AeroSpec manages all documentation using Synergis Adept®. Design changes and support, including new drawings, are provided in SolidWorks® or AutoCAD®.



CUSTOMER SERVICE

Our equipment includes a one year warranty for workmanship and materials. Support and service is available 24-7. We currently support equipment in six countries worldwide.





OTHER CAPABILITIES

Production equipment is not our only business. Many of AeroSpec's clients require specific services and automation subsystem components on an individual contract basis.



▲ EQUIPMENT DESIGN & DEVELOPMENT

Advanced assembly and test systems are designed using SolidWorks® and AutoCAD®.



▲ PRECISION MACHINING

Precision parts, produced by highly experienced prototype machinists, are 100% inspected in accordance with ISO 9002 procedures.

CONTROLS DESIGN & INTEGRATION

Hardware and software engineering for automated equipment, factory floor applications, and custom control panels.

INDUSTRIAL CONTROL PANELS

High Quality Control Panels are designed and manufactured for the most critical applications in your plant including process, production, and material handling.

FABRICATION & WELDING

Certified Welding is performed by AeroSpec on structures and sheet metal components using TIG, MIG, and Resistance welding.

INSTALLATION & RIGGING

AeroSpec handles all installation and rigging of your new panels and equipment.



The company quickly grew from a small precision machine shop into a commercial equipment and automated tooling supplier. In the late 1980's, AeroSpec began to deliver complete turn-key automation systems to the automotive industry. In the early 1990's, AeroSpec expanded into multi-cell flexible assembly systems which incorporate

advanced factory floor software packages for system diagnostics and part tracking. In recent years, AeroSpec has met the production demands of high volume semiconductor manufacturers by adding additional engineering and production capacity to fulfill large quantity orders of automated tools for delivery worldwide.

AEROSPEC, INC.
Established 1982

505 E. Alamo Dr., Chandler, AZ 85225
Email: aeromail@aerospecinc.com
Website: www.aerospecinc.com

Toll Free: 1.888.854.2376
Phone: 480.892.7195
Fax: 480.892.0646