



Test Fixtures

Board Level, Final Assembly, and Docking Stations

Test Fixtures

AGI offers complete Test Fixture solutions at any level. From simple manual jigs to complex automated Test Fixtures. AGI specializes in custom Electrical and Mechanical solutions for interfacing with the Unit Under Test (UUT). Our experienced on-staff engineers and technicians are capable of design, fabrication and wiring fixtures of any complexity. AGI's project managers work as our coordination and communication link between our customers and the sales, design, engineering and testing departments. This means that all aspects of your projects run smoothly and efficiently to provide the utmost satisfaction. AGI succeeds in meeting our customers' stringent requirements in innovation, fabrication and time-to-market.



Board Level Test Fixtures

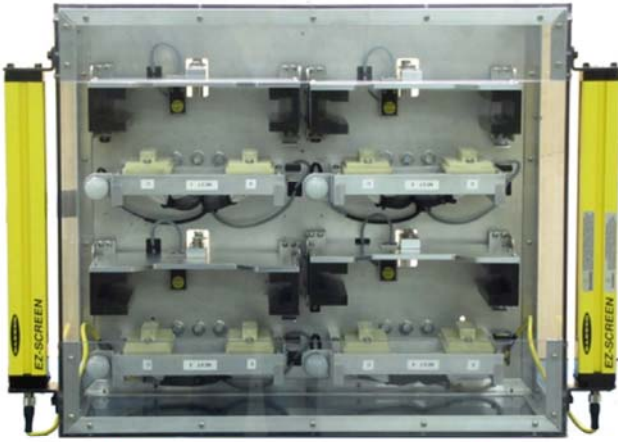
- Top and bottom side probing of test pads, thru-hole components and connectors.
- Fine pitch probing.
- Dual stage engagement.
- Multiple heads for simultaneous testing.
- Over clamp assemblies- Mechanical and Cam (Z-Axis).
- Manual, pneumatic or vacuum actuators.
- System interlocks- part presents, gate engaged, fixture closed.
- Automatic Bar Code reading.
- Standard COTS or custom fixture interfacing.



AGI Corporation

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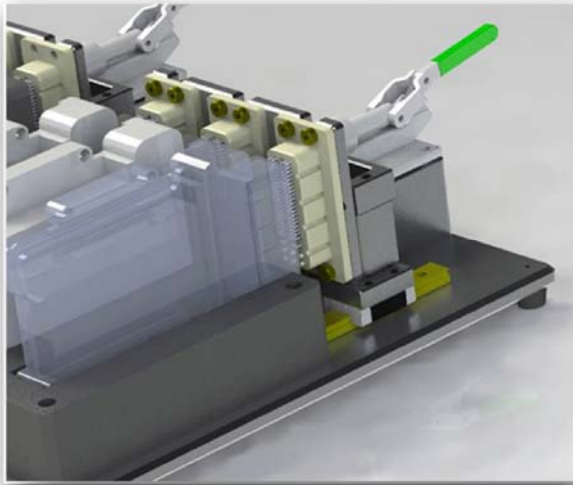


Pneumatic Actuation

Multi Bay with Pogo Pins
and Machined Connector Blocks

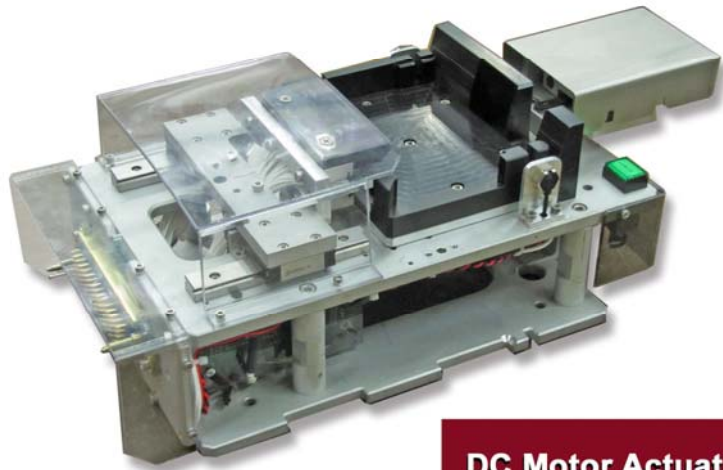
Docking Stations / Jigs

- Manually actuated connections to Unit Under Test (UUT).
- Cable-off connections.
- Fine pitch connections with adjustable alignment.
- Assembly jigs.
- Hot mock-up fixtures.
- Replaceable plates.
- Cable Assemblies.



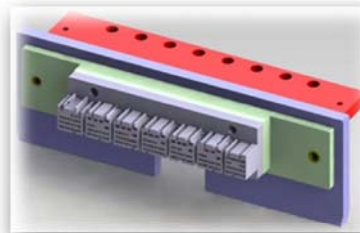
Final Assembly Test Fixtures

- Compact Embedded Controllers.
- Nesting of Final Assembly Unit.
- Mechanical, pneumatic or electrical actuators.
- Integrated sensors for optical, audio, proximity, temperature, etc.
- Automatic Bar Code reading.
- Automated part marking.
- Switch actuation (both manual and automated).
- Protective covers for high voltage or high current situations.
- "Floating" alignment and probe blocks.



DC Motor Actuation

Ideal for Mating Connectors with High Retention Force



*SolidWorks
3D Modeling*



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