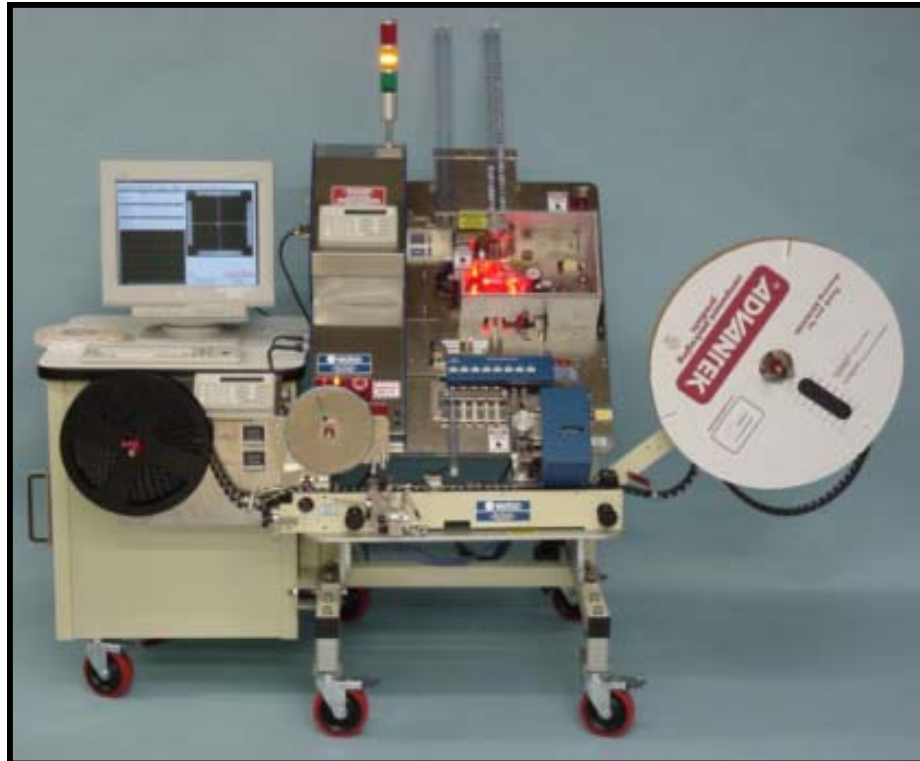


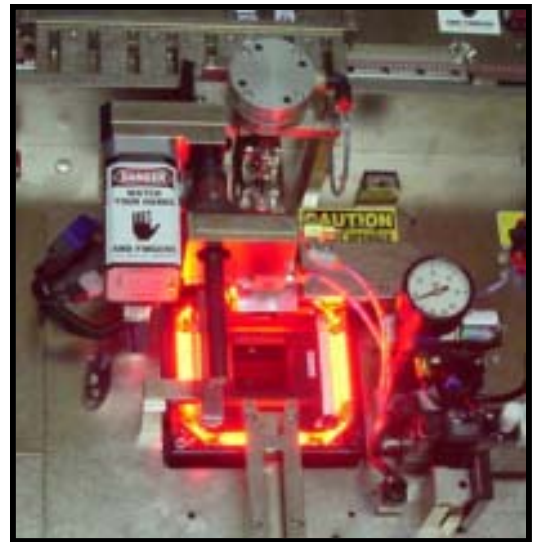
Model 5000-I 2D/3D Inspection Handler



Model 5000 Handler with optional
Model 1050 Tape & Reel output

- For gravity feed tube-to-tube automated inspection
- Customized Model 5000 Handler, for inspection only
- Fast inspection times
- Models for all 2D & 3D inspection applications
- Gull wing, J-lead, DIP, SIP, & custom packages
- Laser mark & mark inspection available as options
- Inspection modules by ICOS or Scanner Technologies
- Complete specifications & data sheets available on request

The Model 5000-I is designed for high volume production 2D/3D Inspection. The handler's test site is replaced with a ICOS or Scanner Technologies Inspection Module. This module can inspect most devices shipped in tubes for 2D and/or 3D bent pins. The handler shown can be converted back to almost any Model 5000 test change over kit. A dual site Model 5000 would allow for test & inspection in one machine.



The operator loads up to 8 tubes of devices into the Octoloader input of the handler. The handler automatically moves the input right/left until the devices fall into the handler's index section. Here the devices are singulated to allow just one device to fall into a pick & place mechanism. The device is then placed into view of the scanner module. Inspection times are very fast; typically under 0.5 seconds. The device is then sorted to any one of the 8 output tubes based on the inspection results. There are sensors throughout the device path to detect jams, errors and to guarantee positive binning. If integrated with a tape & reel, only good devices will be taped. An additional mark inspection is available as an option. This option can be mounted on the handler before sort, or on the taper before seal.

Change over is simple. The Octoloader input assembly, test site, sort shuttle and output tube holder assembly all snap on/off. The scanner stays in place and is not disturbed during change over. If Exatron's exclusive heavy-duty aluminum output tubes are used, all sizes fit into the same size holder. Change over is typically accomplished in less than 10 minutes, running parts to running parts.

Built-in PLC Computer control
Extensive self-diagnostic software
Laser marker / tape& reel ready frame
Size: 30"W by 30"D by 45"H
Weight: 75 lbs
Power: 100-240 VAC 50/60 Hz
Air: 80 PSI 1CFM
Clean shop air required (most kits)
1-year factory warranty

Options:

Full & Mini Change Over Kits for additional device/tube sizes
Laser Marker
Auto tube loader input/output
Tape & Reel output & input
Bowl feed input/bucket output
Spare parts kit
On-site installation

