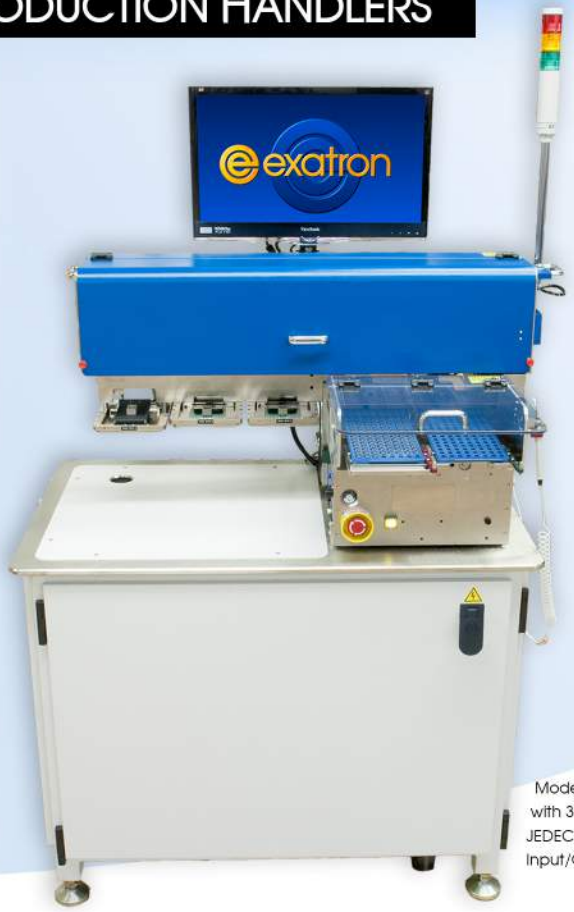
exatron MODEL 900

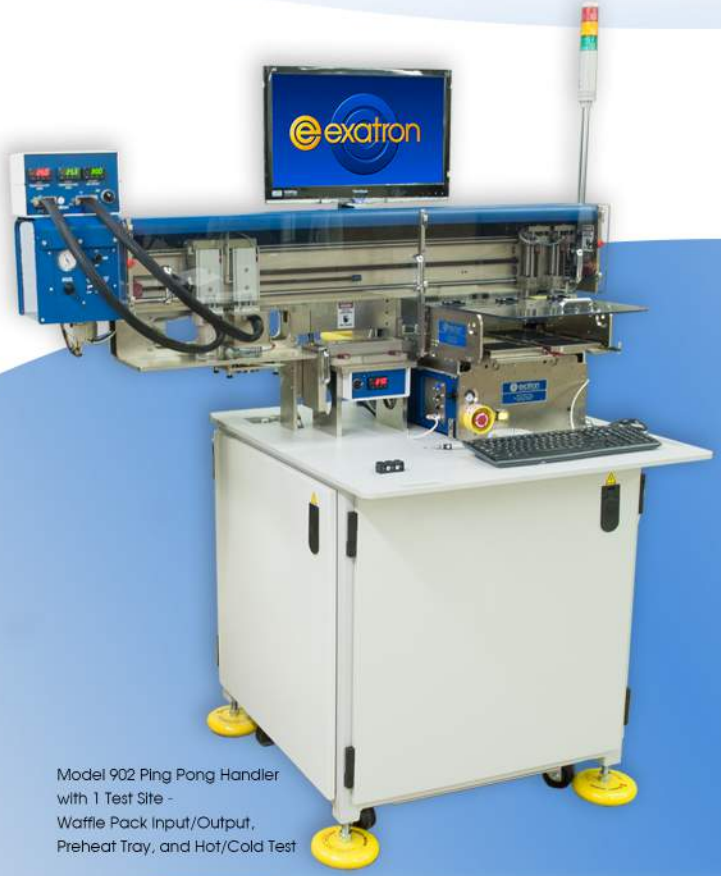
ECONOMICAL HIGH-VOLUME PRODUCTION HANDLERS

Test. Program. Transfer.

Well-suited to any engineering or production environment, the Model 900 is a versatile, dependable workhorse.



Model 902 with 3 Test Sites - JEDEC Tray Input/Output



Model 902 Ping Pong Handler with 1 Test Site - Waffle Pack Input/Output, Preheat Tray, and Hot/Cold Test

FEATURES

- 24"-81" gantry
- Fits 1-6 JEDEC trays
  - -Also fits custom trays as needed
- 1-2 Z cars with up to 16 pickup tips each
- 1-32 test/program sites
- -55°C-155°C test capability
  - -Hot/cold/ambient in one insertion
- Multiple input/output, laser, and vision options (See reverse.)

exatron
2842 Alello Drive, San Jose, CA 95111
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SPECIFICATIONS, AND OPTIONS

Positioning System:

X-Y Drive System: Servo motor-driven lead screws

X-Y Axis Resolution: 0.1mm (0.003")

X-Y Axis Max. Velocity: 122cm/s (48"/s)

Z Plunger: Servo motor-driven lead screws

Z Axis Resolution: +/- 0.1mm (0.003")

Z Axis Repeatability: +/- 0.1mm (0.003")

Placement Force: Up to 10kg (20 lbs) force with standard pickup heads

Theta Drive System: Precision stepper motors

Theta Axis Resolution: 0.1°

Theta Axis Repeatability: +/- 0.1mm (0.003")

Options:

Input/Output:

- Tape & Reel
- Tube
- Bowl Feeder
- Bulk
- Magazine

Test Interface:

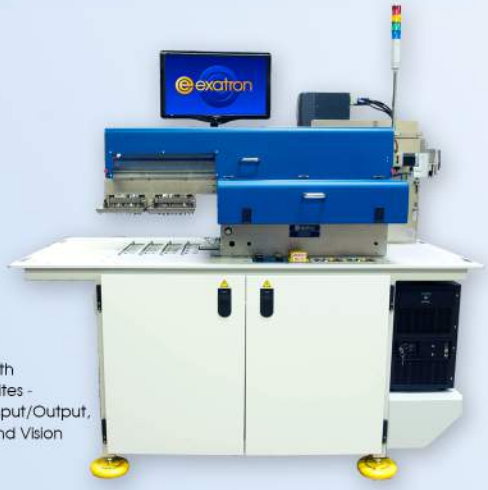
- TTL handler port
- GPIB
- RS-232
- TCP/IP
- Ethernet
- SECS GEM

Vision:

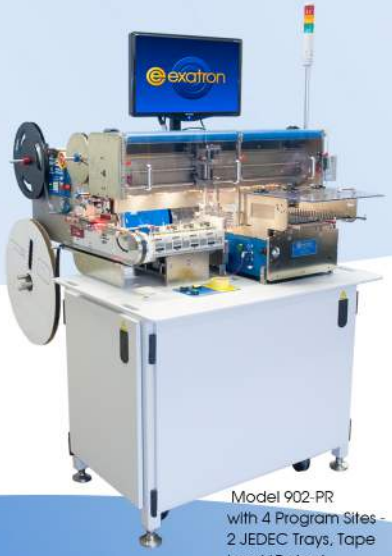
- Pocket occupation
- Device orientation
- OCR/OCV
- 2D/3D lead/ball inspection
- 1D/2D data matrix read/verification
- Top and/or bottom-side vision
- Pocket occupation/orientation inspection standard with output tape

Laser:

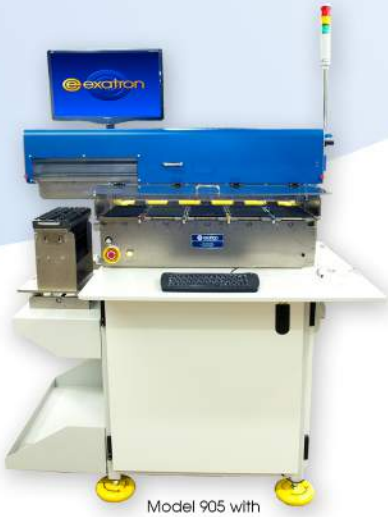
- Mark in tray, no additional tooling
- Wide selection of OEM laser markers
  -Solid-state, fiber, diode, and CO_2
- CDRH Class 1



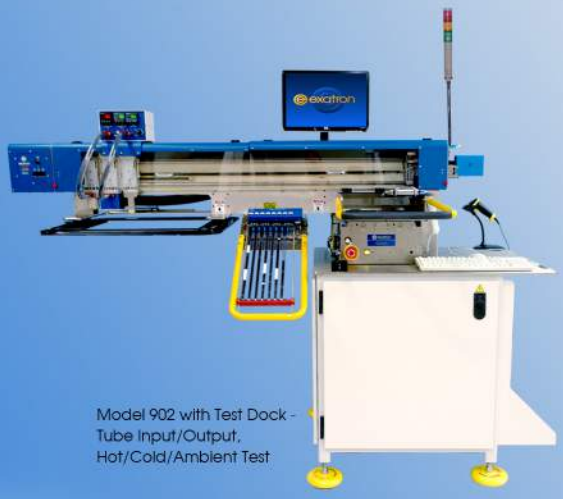
Model 904 with 14 Program Sites - JEDEC Tray Input/Output, Laser Mark and Vision Options



Model 902-PR with 4 Program Sites - 2 JEDEC Trays, Tape Input/Output



Model 905 with 32 Test Sites - JEDEC Tray Input/Output



Model 902 with Test Dock - Tube Input/Output, Hot/Cold/Ambient Test

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