

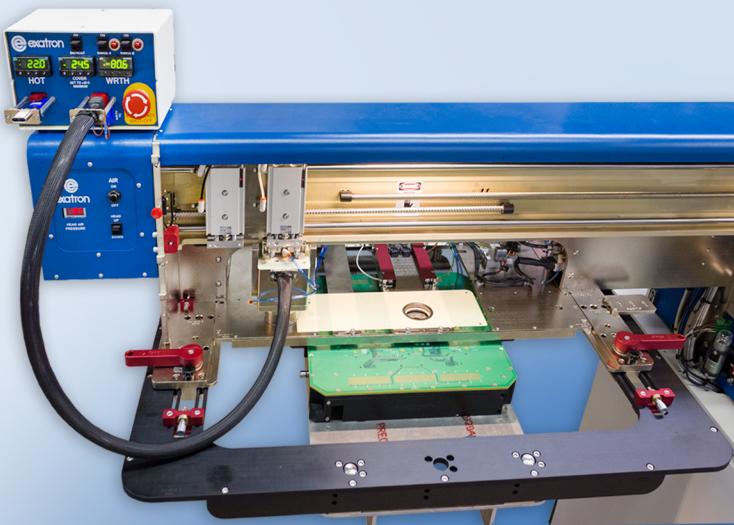
# exatron MODEL 903 STE

## SINGLE SITE THERMAL ENGINEERING HANDLER



*Small volume test handler  
with direct dock hardware  
and near zero changeover  
ideal for engineering  
large ATE test heads*

*Built-in lift system allows  
easy handler movement  
and may eliminate need  
for a test head manipulator.*



Large Test Site Dock

- -55°C to +155°C working range  
(-75°C to +175°C hardware capability)
- +/- 2°C control standard
- Optional 2nd hot only thermal head  
allows single insertion hot and cold test
- No changeover needed beyond pickup  
tips when equipped with Exatron's  
Copperhead Thermal Test Sockets  
(See Copperhead brochure for details)
- Double shutter and purge air prevents  
frost buildup during cold test





# MODEL 903 STE

## SINGLE SITE THERMAL ENGINEERING HANDLER

### COMMON TEST SOCKETS

The Model 903 STE allows engineering-level test with the exact same test sockets and load board used by high volume production handlers. Exatron can also match any other handler vendor's control interface.

Our innovative docking system allows quick handler alignment over any single test socket in any test socket grid array.

### NO FROST BUILDUP

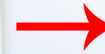
Thermal test head and test site assembly are equipped with purge air and an innovative double shutter system that prevents frost buildup in socket during cold test.

### FEATURES:

- Quiet, built-in chiller. No fluids required. Standard 120/240 VAC power.
- Servo motor-driven gantry. (Linear motor optional)
- Dual Z plungers with 360° rotation. Allows for higher UPH.
- Handles devices from 2mm x 2mm to 60mm x 60mm.
- Extensive diagnostics and automated full range temperature calibration software.
- System designed, manufactured, and built in San Jose, CA.



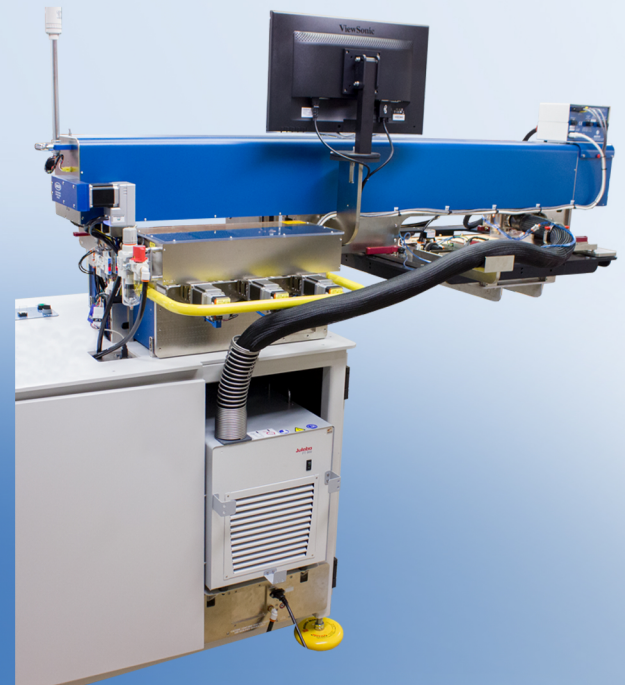
Both shutters closed in between insertions



Bottom shutter remains closed during pick and place



Both shutters open during test



Built-in Chiller

