

Model 8000-V

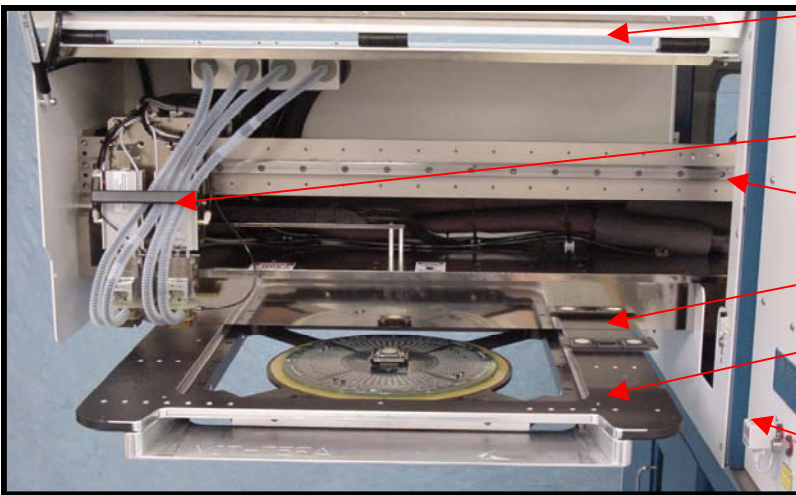
Production Pick & Place Handler



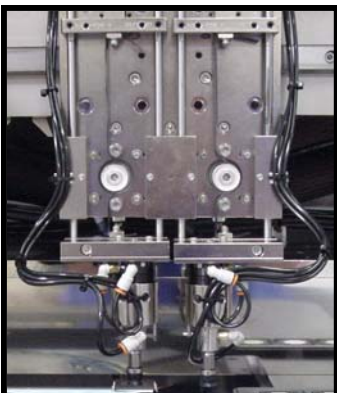
- Up to 5 JEDEC in/out tray stackers
- 1 RF test site, or up to 16 memory test sites
- “WYSIWYG” MS Windows based control software
- Stand alone welded steel frame; fully enclosed; interlocked
- Digital linear and servo motors (no steppers)
- Internal space for 2 Julabo units and laser mark option
- ESD safe & CE mark



The handler has simple control electronics, a robust power supply, a 19" rack mount PC, and termination PCBs as needed. Spare electronics are reduced to only 2 generic PCB assemblies. The handler's power supply uses off the shelf modules. The generic PC includes a 3 1/2" floppy, hard, and CDROM drives. There are spare RS-232 ports, a printer port and TTL handler control port. The PC is network ready. PC Anywhere software and a built-in modem allow Exatron to remotely service the handler directly from California. The set up keyboard with built-in mouse flips up out of the way when not in use. The flat screen monitor pivots on a heavy-duty arm that allows viewing from either the front or backside of the handler. All of the stackers, pick up heads, interlocks, and most options are wired to the termination PCB. This PCB has green LEDs for all power supplies, red LEDs for solenoids and valves on/off, and yellow LEDs for sensor status. With the visual feed back from the LEDs and the handler's extensive diagnostic software, the handler becomes a snap to service.



- Cover shown open
Includes mechanical & electrical interlocks
- Hot *and* Cold test option
- Digital Linear Motor Drive, 1 micron step
- "Golden Part" Tray
- Customer supplied docking fixture
Easy access to DUT board & socket
- Low air pressure alarm with air gun port



Dual pick up heads
with 90° rotation

- Options:**
- Laser Marker
 - 2D/3D Inspection
 - Tubes in/out
 - Tape & Reel in/out
 - Hot and/or Cold Test
 - Large Hest Head
 - Docking hardware
 - Custom test sites



Input tray stacker mechanism
Each stacker has an in & out stack
The 8000-V allows up to 5 stackers