

exatron PET-5 WORK STATION

MANUAL OR COMPUTERIZED HOT/COLD HAND TEST WORK STATION

The next generation of Prototype Engineering Work Stations (PET), designed for the hand testing of individual electronic devices under controlled conditions.

The PET-5 mounts directly to nearly any test head and features Exatron's direct contact Wide Range Thermal Head (WRTH), allowing a full working temperature range of -55°C to $+155^{\circ}\text{C}$ (-75°C to $+175^{\circ}\text{C}$ hardware capability).

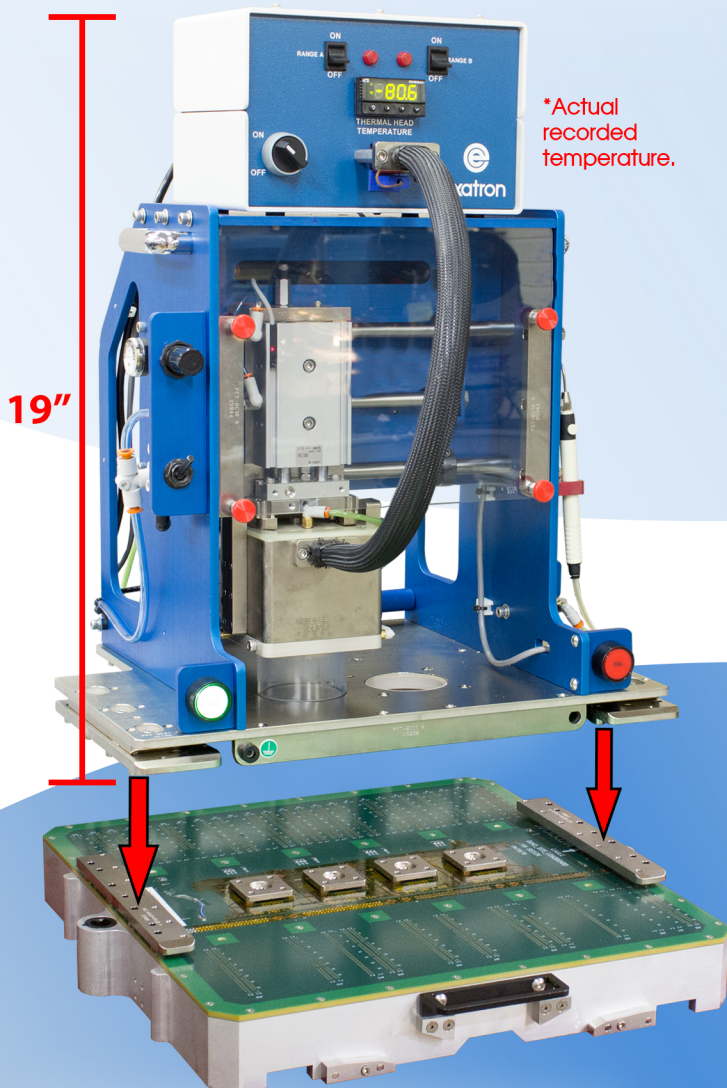
There are two base models:
(see reverse for shared features.)

PET-5 M - Manual Work Station

- Manual buttons toggle WRTH left/right and up/down motion.
- Manually adjusted air pressure control.
- No computer or software required.

PET-5 C - Computerized Work Station

- WRTH raises/lowers automatically over test socket with the push of a button.
- Added cylinder moves WRTH side to side.
- Dual start switches, requires two hands to start test.
- Requires PC or laptop with 2 unused USB2 ports, sold separately.
- Robust automation software:
 - Set and monitor temperature.
 - Control test soak timer.
 - Start test switch and pass/fail indicator.
 - Control test socket pressure.
(requires regulator, sold separately)
 - Test and temperature data log standard.
 - Intuitive diagnostic and service screens.



Exatron Model PET-5 M and Test Board



2842 Alello Drive, San Jose, CA 95111
1-800-EXA-TRON 1-408-629-7600 www.exatron.com

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Shared PET-5 Features:

- Wide Range Thermal Head (WRTH).
- -55°C to +155°C working temperature range.
(-75°C to +155°C WRTH hardware capability.)
- +/- 0.5 degree temperature control.
- No fluids required. (See WRTH data sheet for details.)
- Built-in purge cover for thermal head and test socket.
 - Allows placement/removal of devices without thermal head having to heat/cool to room temperature.
 - Greatly reduces dead time between tests.
- Purge requires dry, clean air. Air dryer sold separately.
- Includes one set of thermal head tooling, designed to match a specific device and test socket.
- Attached chiller sits on floor behind or on the side.
 - 6ft (2m) hose runs from chiller to PET-5.
- Benchtop model available. (See PET-4 data sheet.)
- Meets or exceeds all known ESD specifications.
- Built-in ESD wrist strap attach points.
- Built-in quick-disconnect air fitting for optional vacuum wand. (As shown)
- Designed, manufactured, and built in San Jose, CA.



Exatron Wide Range Thermal Head (WRTH)
(See WRTH data sheet for details.)



PET-5 M with Attached Chiller

Specifications:

Size:

PET-5: 16" (41cm) W, 12" (30 cm) D, 19" (48 cm) H

Chiller: 15" (38cm) W, 16.5" (42 cm) D, 18" (46 cm) H

Power: 120 or 240 VAC, single phase (PET-5 and chiller)



Since 1974



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