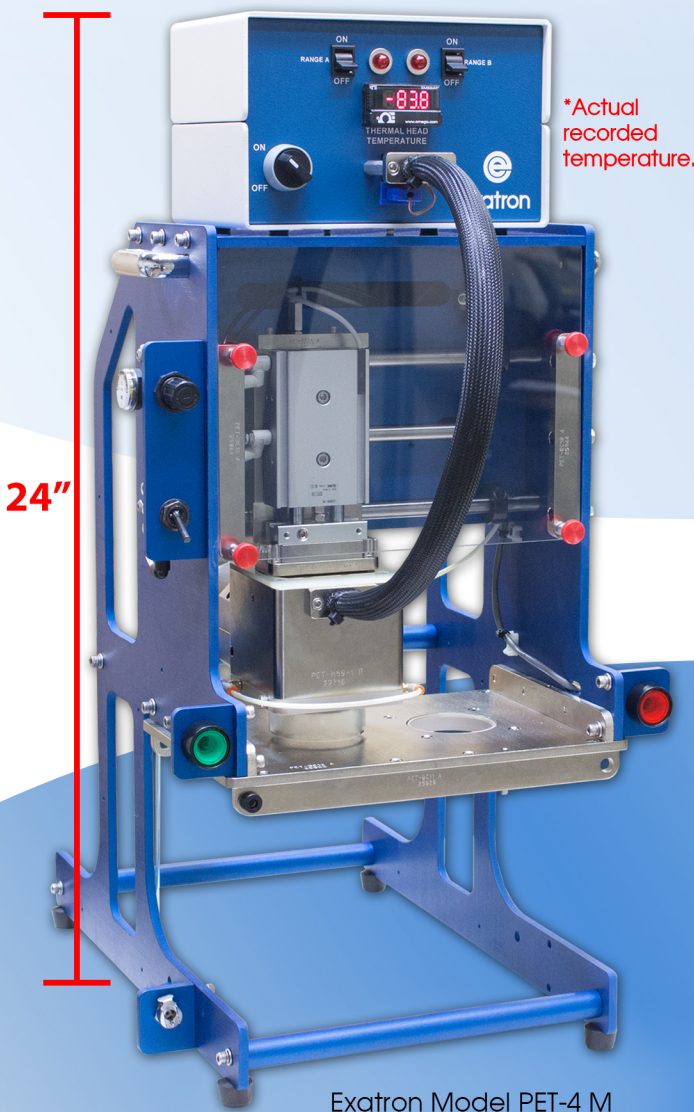


exatron PET-4 WORK STATION

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-4 features Exatron's direct contact Wide Range Thermal Head (WRTH), allowing a full working temperature range of **-55°C to +155°C**. (-75°C to +175°C hardware capability.)



Exatron Model PET-4 M

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

PET-4 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-4 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.



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exatron PET-4 WORK STATION

Shared PET-4 Features:

- Wide Range Thermal Head (WRTH).
- -55°C to +155°C working temperature range.
(-75°C to +175°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-4.
- DUT board direct mounting available.
(See PET-5 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.
- Designed, manufactured, and built in San Jose, CA.

Specifications:

Size:

PET-4: 14" (36cm) W, 18" (46cm) D, 24" (61cm) H

Chiller: 15" (38cm) W, 16.5" (51cm) D, 18" (53cm) H

Power: 120 or 240 VAC, single phase (PET-4 and chiller)



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



PET-4 M with Attached Chiller



Since 1974



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