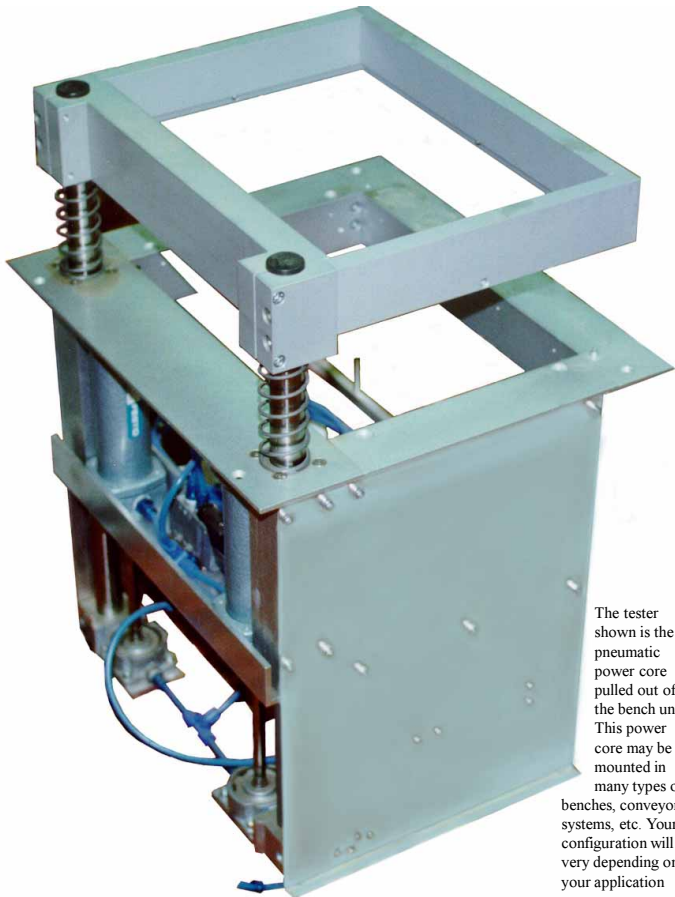


# TEST ELECTRONICS' TE-9000 Test Fixture

## High Performance Pneumatic PC Board Test Fixture

Now combine the TE-9000 test fixture with Industry Standard Genrad, HP, Teradyne, Checksum, TTI, or Testronics, and get Pneumatic Flexibility from Standard Test Engines!



The tester shown is the pneumatic power core pulled out of the bench unit. This power core may be mounted in many types of benches, conveyor systems, etc. Your configuration will vary depending on your application

### TE-9000 PC Board Test Fixture

#### Order Test Fixture # TE-9000

Test Electronics will customize the TE-9000 bed of nails style test fixture for your circuit board and test application. Next, add a Genrad 2270/71/72/75/76/8X or a Hewlett/Packard 3060/61/62/65/70/72/75 or a Teradyne 800/10/75 & 1800/10/20 or a Checksum, TTI, Testronics, or any other MDA This will create a complete full performance cost efficient functional, in-circuit, or bare board tester.

#### Compatibilities:

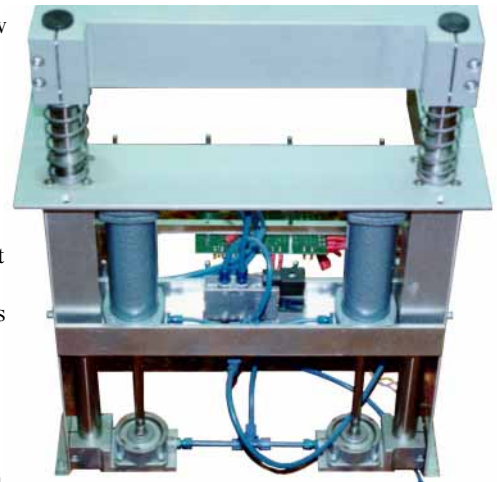
- Genrad 2270/71/72/75/76/8X
- Hewlett/Packard 3060/61/62/65/70/72/75
- Teradyne 800/10/75 & 1800/10/20
- Checksum, TTI, Testronics, and Other MDA's

Test Electronics, a leader in test fixture technology bringing you high quality cost effective solutions to functional, in-circuit, and bare board testing!

Test Electronics, a leader in test fixture technology. Creating innovations in testing by utilizing the latest high tech tools to their full potential.

### View of the Pneumatic Components

Shown here is a view of the pneumatic components. This unit provides dual level testing. The main cylinders provide the first 18" of travel and compress the highest set of test pins. The lower short cylinders provide a maximum of 1/2" of travel. This travel is typically adjusted to 0.1" and used to compress the second group of test pins for a more extensive test.



### Wiring and Customization

Signal and data pins are wire wrapped from the test pin to an internally mounted connector. This connector is then cabled to an instrument board. This instrument board is typically located in a computer mounted in the lower part of the fixture, or in a rack cabinet near the fixture. Higher speed signals, and noise sensitive signals are wired with twisted pairs or coaxial cable. All wiring is neatly bundled for easy troubleshooting and modification. Cable lengths are kept as short as possible to maintain high performance.

### Test Plate Customization

Extreme care is taken in the manufacture of all plates. All plates are precision ground, buffed to a high gloss, center drilled, then finally, drilled to an accuracy of 1/10 of a thousandth with carbide drill bits running at 20,000 RPM under high pressure coolant. Receptacles are then inserted and swaged with a custom built CNC machine providing an extremely high degree of perpendicularity exceeding 1/1000" per linear foot.

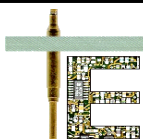
### Quick Test Plate Changeover

Test plate changeover is a quick 2 minuit job. Thumbscrews to change the bottom plate and 4 SHC screws to change the top plate. The old plates lift out and the new plates drop in. Rear panel connectors are mounted to the top plate and slide out along with the plates, so there are no wiring hassels. We pride ourselves in our efficient designs. We emphasize our Understand-it-at-a-glance motto for intuitive easy to learn operation.

### Specifications

Maximum pin count	5000 pins
Estimated Life (operations)	2,000,000 cycles

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**TEST**  
ELECTRONICS

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Rev 9903