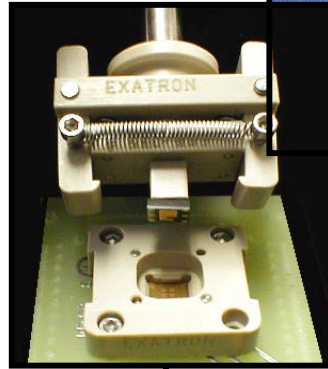


Top Loader Test Socket



**Top Loader
Socket assembly**

Unique features

- Vacuum fitting
- Fine thread contact pressure adjust (spring loaded)
- Top snaps off
- Handler ready base can be modified to allow mounted components near DUT

Exatron provides an exciting technology for making electrical contact to semiconductor devices. Exatron's Top Loader test sockets with Diamond Particle Interconnect (PI) are ideally suited for interconnect between surface mount devices and load boards, testers, programmers, as well as other repeat-insertion applications. With a total interconnect of less than 0.001" between DUT lead and test circuit trace, Top Loader test sockets with PI is a contactor method with effectively ZERO INDUCTANCE, CAPACITANCE and RESISTANCE, with a lifetime of up to one million insertions and more.

Socket top

Socket base

Diamond PI
Interposer

Z axis
Conductive
Elastomer

Customer
supplied
PCB

