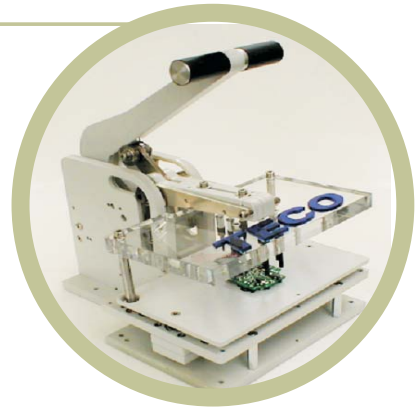


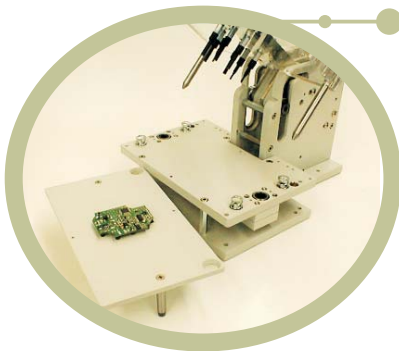


Single-lever Fixture EHA Description and Application

TECO's Single-lever Fixture EHA enables employment of individual wide spread merchantable exchangeable boards with variables PCB of 100 x 160 mm. The Bed-of-nails, fixture moving plate as well as the depressing plate can easily be demounted and changed. Backsides of the pin-plate is the interface connector mounted mostly a D-sub connector. Any other type of connector is possible if it's not too big. The shown testfixture is suitable for DUTs up to 200 (!) Testpins and a max size of approx 100 * 160mm (Europacard)



The test head's clamping force suffices for up to 1000 nail contact pins (testpoints on the PCB).



Special requests such as an ESD-compliant enclosure with locking device or a query of the DUT position on reed switches, etc. have already been successfully implemented and can be manufactured according to customer specifications.

A permissible component height of 25mm is no problem.

If your DUT is assembled with higher components please contact us.

Functionality:

Close and depressing one lever movement. The pressure plate is tilting, and then runs parallel to the DUT down, pushing it with the holding-down on the needle bed.

The holding fixture plate is guided in linear ball bearings to ensure best accuracy between DUT and testpins.

Lever and depressing plate are guided with ball bearings in motion links.

>> stable guiding, small backlash.

