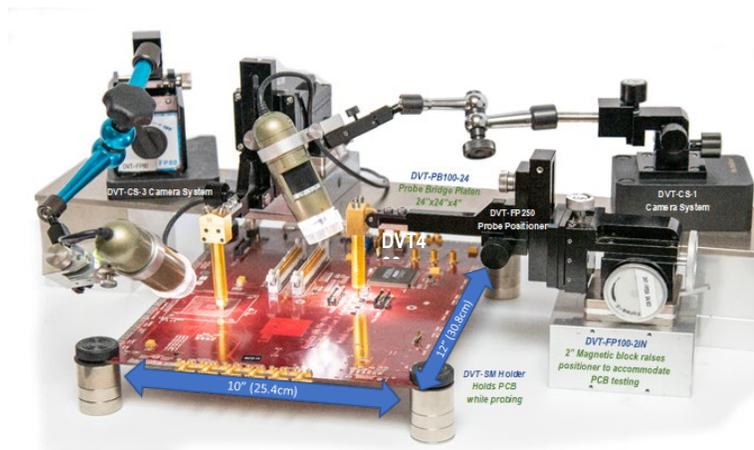


Horizontal Probing System

Build a Desktop Probing System of any size



Features

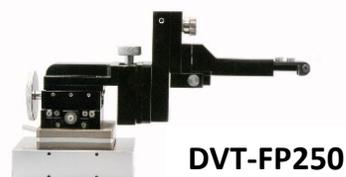
- Probe compatibility: DVT30, DVT40, DVTFPP Differential and Single Ended Probes
- Create Horizontal or Vertical Probe Systems
- Fits on most lab tables or carts
- High Quality Steel Components
- Configure Single or Dual Probe Systems
- Easily store components to free up lab space

Probe Positioners



DVT-FP60

- XYZ-axis travel: 16 mm with 500 um/turn (50 TPI)
- Θ Theta control: $\pm 10^\circ$ with 2.5° /turn and 0.025° resolution
- Length: 266 mm/10.5 in
- Width: 76 mm/3.0 in, Height: 155 mm/6.1 in
- Weight: 2702 grams/5 lb. 15.4 oz
- Base: Steel magnet base
- Height coarse adjustment: 4.8 mm/step (14 steps)
- Straight Arm: Horizontal probing
- Probe Compatibility: DVT30 or single-ended probes



DVT-FP250

- XYZ-axis travel: 16 mm with 500 um/turn (50 TPI)
- Θ Theta control: $\pm 10^\circ$ with 2.5° /turn and 0.025° resolution
- Length: 228 mm/9 in
- Width: 68 mm/2.7 in, Height: 108 mm/4.3 in
- Weight: 1190 grams/2 lbs 10 oz
- Base: Lockable magnetic switch
- Height coarse adjustment: 5 mm/step (14 steps)
- Straight Arm: Horizontal or Vertical probing
- Probe Compatibility: DVT40, DVT30 and DVT-FPPXX series

Camera Positioners



DVT-CS-3

- 50 TPI XYZ Controls
- Flexible Arm: Locking Nut, two axis arms
- Horizontal or Vertical Probing, Narrow Base with Unlocking Magnetic Switch
- Custom Dino-Lite Camera Holder with Z-Control
- 1.3 MP Dino-Lite Digital Microscope
- Optional Camera Upgrade DVT-CS-4: 5 MP High-Resolution, Polarizer, Long Working Distance, 10X - 140X



DVT-CS-1

- 50 TPI XYZ Controls
- Flexible Arm: Locking Nut, four axis arms
- Horizontal or Vertical Probing, Magnetic Base
- Custom Dino-Lite Camera Holder with Z-Control
- DVT-CS-1 (1.3 MP) Dino-Lite Digital Microscope
- Optional Camera Upgrade: DVT-CS-2: 5 MP High-Resolution, Polarizer, Long Working Distance, 10X - 140X

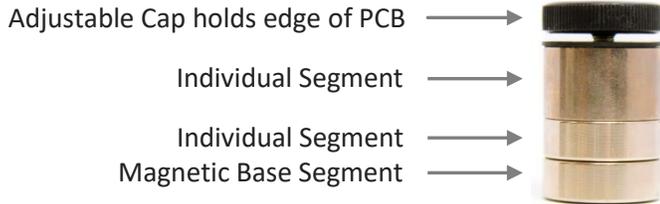
Horizontal PCB Fixturing

DVT-SM Holder

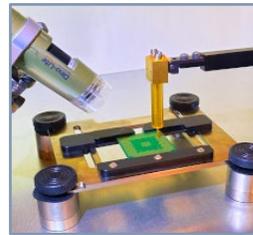
- Flexible any-sized test board horizontal fixturing
- Height = 2 in/5 cm
- 3 removable segments including magnetic base
- Prevents thin boards from bowing when probed



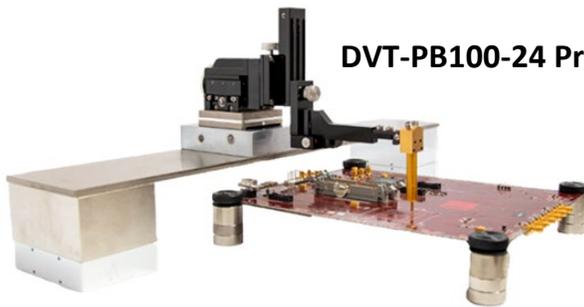
Use a DVT-SM Holder to secure each corner of a test board to keep it from moving while probing. Then remove one segment out of two additional holders and place them under the probing locations to keep thin test boards from bowing when probing. Fixture almost any size test board for horizontal probing applications. Four to six holders recommended.



DVT-PHA01 Adjustable Test Fixture



Used to hold device packages or small PCBs, 5 - 50 mm, while probing. Place the PCB within the variable fixture and then attach 4 DVT-SM Holders to the corners of the fixture to keep it from moving while probing.



DVT-PB100-24 Probe Bridge

The DVT-PB100-24 Probe Bridge extends the reach of the probe into the board to be probed and is useful for probing boards larger than 5 in x 5 in (12.7 cm x 12.7 cm). Place a Probe Bridge on one end of the test board and depending on the size of the board, place another probe bridge on the long side of the test board to probe into any place on a large test board. The Probe Bridge comes with two 1 in (2.54 cm) and two 2 in (5.08 cm) stackable steel magnetic blocks for a total height of 3 in (7.62 cm). Place the probe and the camera positioners on top of the bridge as needed. Push the test board mounted to the DVT-SM Holders under the bridge so the probe tips line up with the test pads to be probed.

DVT-FP100-XX Magnetic Steel Blocks

Use one or more stackable Magnetic Steel Blocks to place under any of the Probe or Camera Positioners' bases to raise the probing height of the probes, so the probe clears the top of the test board, or to raise the position of the camera.



DVT-FP100-1IN
1 in (2.54 cm) thick

DVT-FP100-1.5IN
1.5 in (3.8 cm) thick

DVT-FP100-2IN
2 in (5 cm) thick