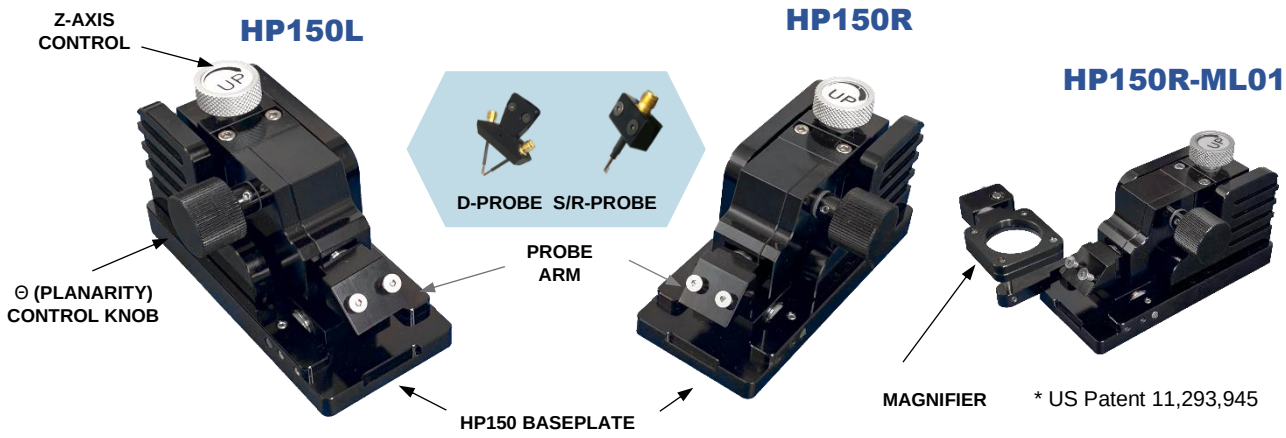
PACKETMICRO
Innovative Benchtop Probing Solutions

HANDHELD POSITIONER HP150

THE COMPACT POSITIONER FAST PCB PROBING

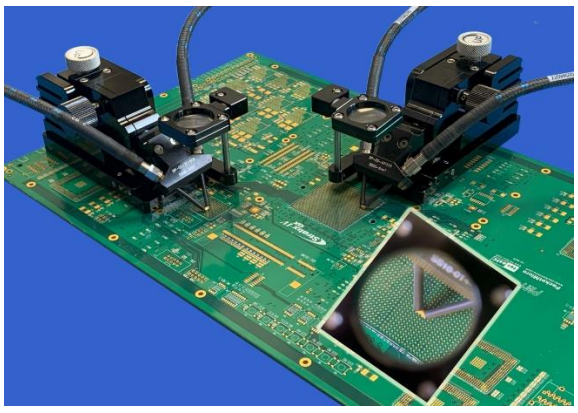


HP150 is designed to hold PacketMicro's differential D-Probes (up to 40 GHz) and single-ended Probes (up to 30 GHz). It enables a user to quickly probe unpopulated printed circuit boards with small geometry. To protect the probe, its probe tips are automatically raised when the user moves the probe to a different location by lifting up the HP150. The Z and θ control knobs only need to be adjusted once while mounting a new probe on the HP150. The probe and HP150 can then be picked up and landed at different test points without additional adjustment. This approach significantly increases the probing throughput.

- Automatic probe lifting to protect probe tips
- Magnifier for easy probing
- Base rubber membrane to prevent slippage
- High-quality material and precision design ensure accurate and repeatable measurements.

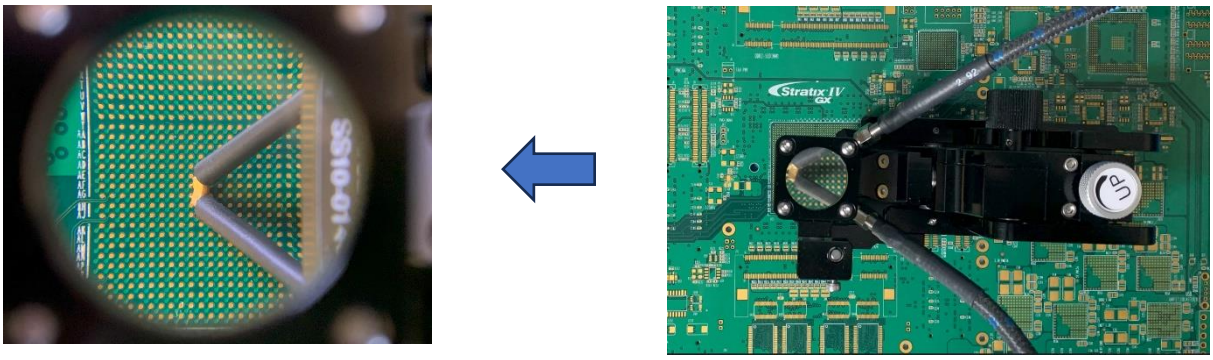
SPECIFICATIONS			
Z-axis travel	8 mm with 500 µm/turn (50 TPI)	BASEPLATE	
Resolution	5µm	Weight	248 gm / 0.55 lb
Θ (Planarity) control	±10° with 2.5°/turn and 0.025° resolution	Dimensions	155x60x21 mm 6.1"x2.4"x0.83 in.
Dimensions	(LxWxH) 132x58x70mm/5.2x2.3x2.7 in.		
Weight	456 gm/ 1 lb.		

Close-proximity Probing



Probing with magnifiers

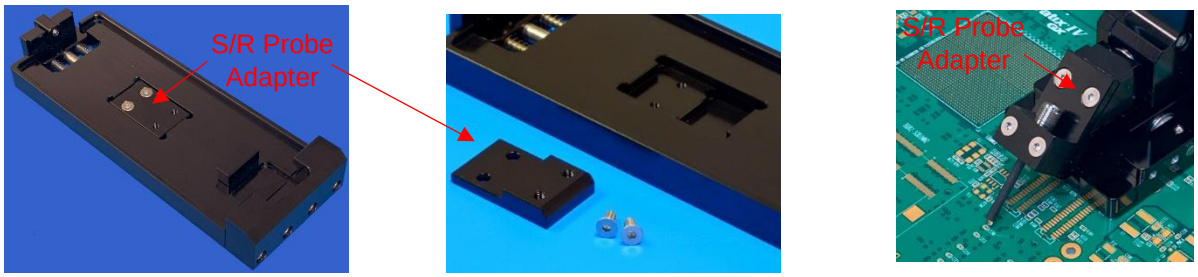
PCB PROBING WITH HP150



The above setup shows the probe tips are accurately landed on two 1 mm BGA pads by using the HP150 with a magnifier.

HP150 BASEPLATE

The HP150 baseplate is designed to protect the postioner and probe when they are not on the PCB. It also includes the adapter to hold the S-Probe and R-Probe.



LOCK AND UNLOCK BASEPLATE

The Baseplate can be locked and unlocked by turning the knob at the back end of the baseplate. HP150 is ready for use after unlocking.

PART NUMBER	
HP150L	Handheld Probe Positioner (Left-Handed)
HP150R	Handheld Probe Positioner (Right-Handed)
HP150L-ML01	Handheld Probe Positioner (Left-Handed) with magnifier
HP150R-ML01	Handheld Probe Positioner (Right-Handed) with magnifier

Unlock Position