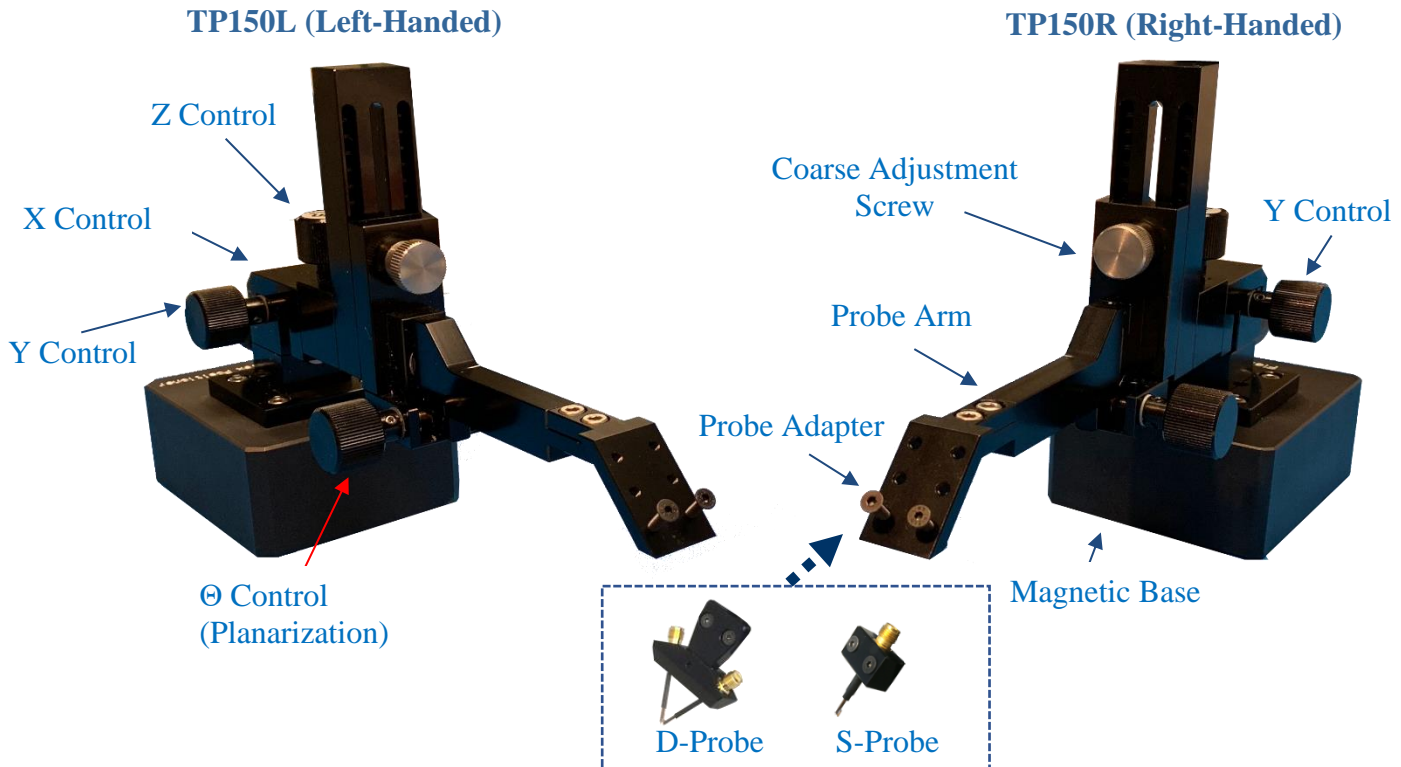


Precision Positioner TP150

The compact, versatile, high-precision positioner for RF/SI probing



Precision Positioner TP150

TP150 is designed to hold PacketMicro's single-ended S-Probes (up to 20 GHz) and differential D-Probes (up to 18 GHz) for RF and SI probing. It allows a user to probe a printed circuit board with small geometry precisely. The compact TP150 is built with the highest quality; at the same time, it offers the most competitive price in the industry. The Θ Control screw controls planarization angle to make the probe pins parallel to the board. By loosening the Height Adjustment Screw, the Probe Arm can move up and down in 14 small steps to probe PCB and components at various heights.

Superior Usability

- High-precision XYZ-stage and Θ control allow probes to land on test points accurately and firmly.
- Universal probe holder grips most Agilent and Tektronix test probes.
- Front probe arm can be adjusted to probe extra tall circuit boards or boards with components on both sides.
- Magnetic base allows easy and quick rearrangement of test setup to probe large and small circuits.
- High-quality material and precision design ensures accurate and repeatable measurements.

TP150 Specifications

XYZ-axis travel: 16 mm with 500 $\mu\text{m}/\text{turn}$ (50 TPI)

Θ control: $\pm 10^\circ$ with 2.5°/turn and 0.025° resolution

Length: 266 mm/10.5 in

Width: 76 mm/3.0 in

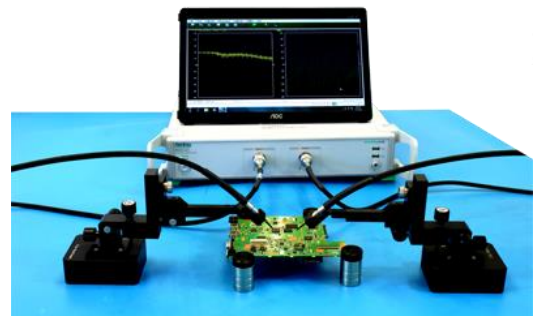
Height: 155 mm/6.1 in

Weight: 2702 grams/5 lb 15.4 oz

Base: Steel with magnets and anti-static rubber

Height coarse adjustment: 5 mm/step (14 steps)

Y-Axis Control: Can be ordered for left or right-handed (determined when facing the Y Control)



Other TP150 Configurations

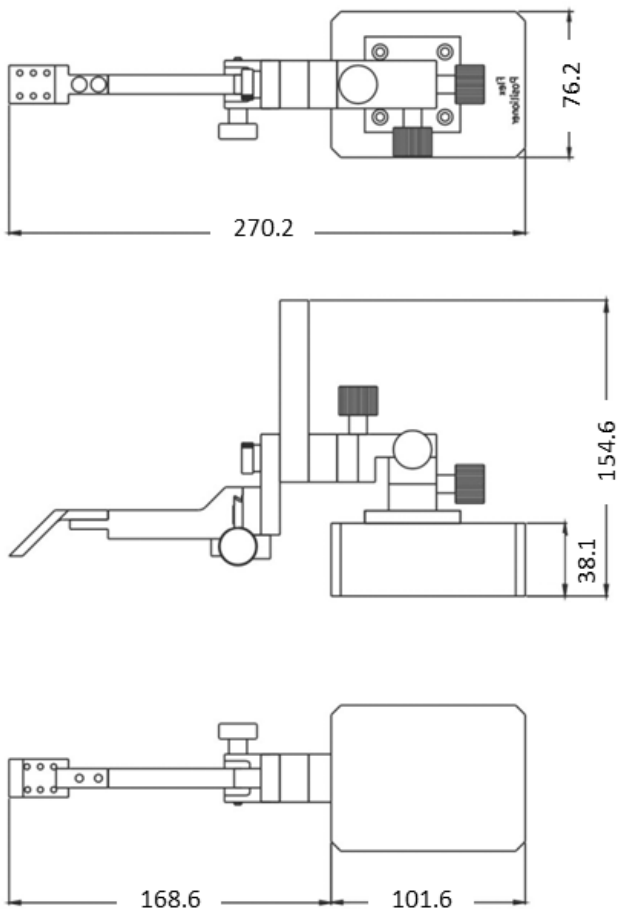


TP150 can be ordered with left-handed and right-handed Y screw.

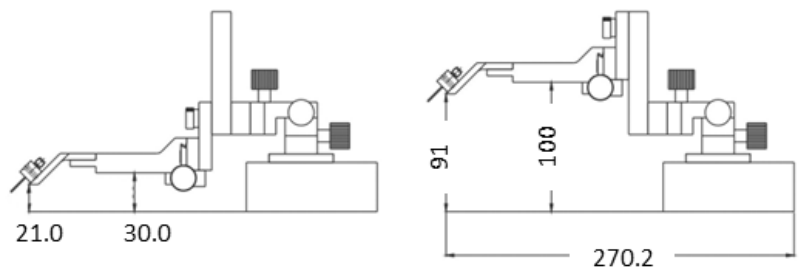


Probe arm can be reconfigured to reach very low and very high positions.

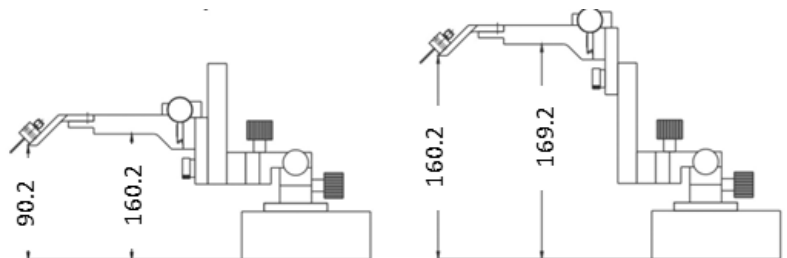
TP150 Mechanical Dimensions (Unit: mm)



Probe arm in up position



Probe arm in reverse position



Total Coarse Height Adjustment: 70 mm
Each Step: 5 mm

About PacketMicro

PacketMicro, based in Silicon Valley, provides a wide range of gigahertz probes, probe positioners, benchtop probe stations, flexible cables, and digital microscopes. In addition, PacketMicro offers lab rental and engineering services in signal integrity (SI), power integrity (PI) and RF probing. PacketMicro customers include many Fortune 100 companies.