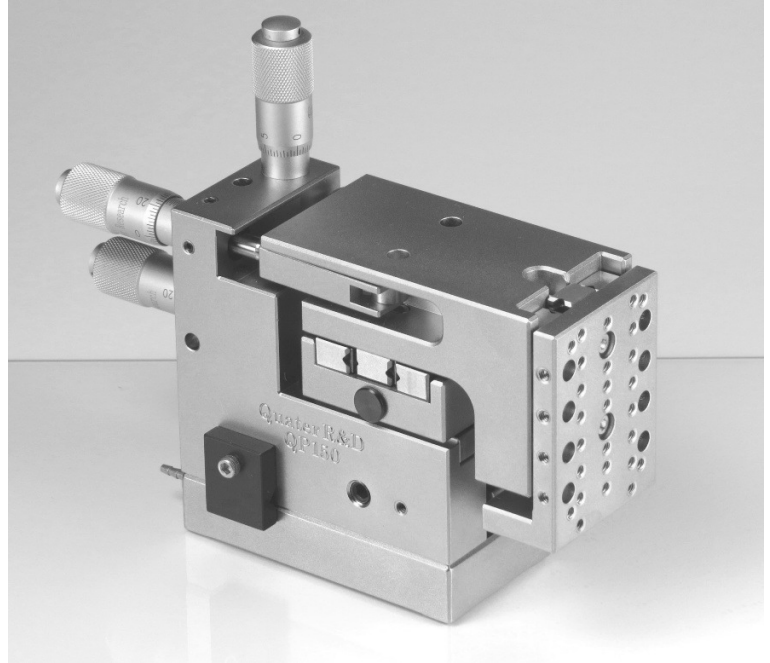


Quater R&D

QP150 Sub-micron Probe Positioner

Quater's new QP150 sub-micron probe positioners are designed to significantly reduce mechanical crosstalk between axes resulting in fast and accurately placed probe touchdowns with zero pad or trace damage from unwanted needle deflections. Overall ergonomic design places micrometers within a compact zone allowing users to precisely control needle direction and speed. Designed and manufactured in the USA using high-quality slide bearings and strictly controlled assembly techniques, the QP150 offers a robustness that will deliver many years of accurate and reliable operation. Travel ranges of 10mm in X/Y and Z axes, as well as a ± 12 mm coarse Z adjustment via the multi-threaded faceplate provides flexibility to adapt to a wide variety of probe station makes as well as accommodate varying platen to DUT height offsets.

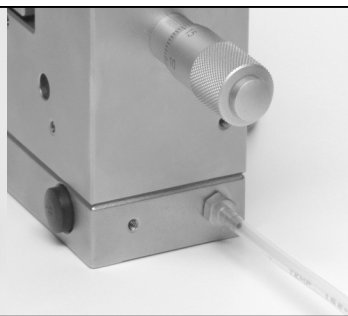


AVAILABLE OPTIONS

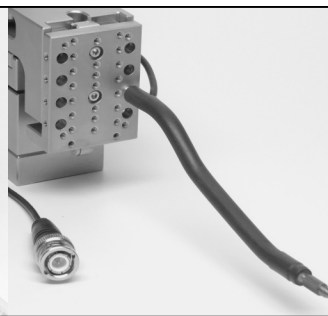
Magnetic base



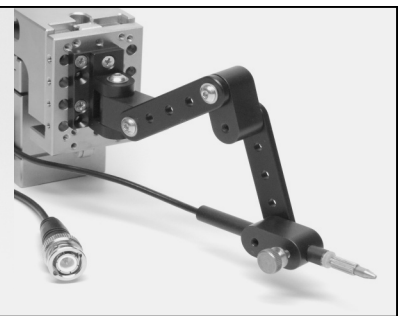
Vacuum base



Coaxial arm (triax optional)



Hinged coax arm



SPECIFICATIONS

- **Feature resolution: 0.5 μ m**
- **Travel range (X / Y / Z): 10mm / 10mm / 10mm**
- **Screw resolution (X / Y / Z): 500 μ m**
- **Footprint (L x W): 72mm x 38mm (vacuum), 64mm x 64mm (magnetic base)**
- **Mounting base: Vacuum, magnetic with variable on/off control**
- **Arms: Coaxial with collet tip, Hinged coax arm with collet tip, (triax optional on both arms)**
- **Warranty: 2 years**



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