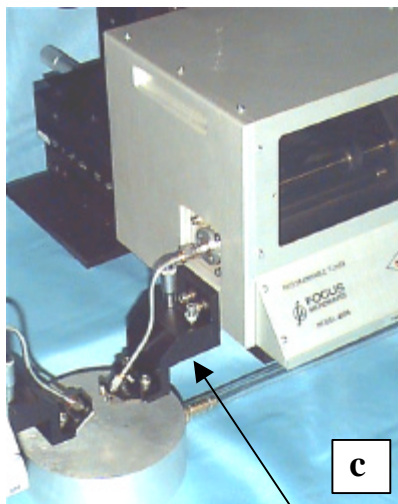
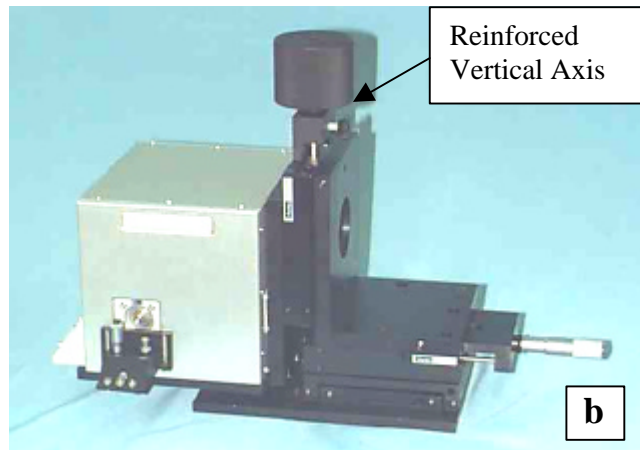


Product Note 53

3 axis Wafer Micro-Positioner for CCMT Tuners

Computer Controlled electromechanical programmable Tuners can be effectively used for on-wafer noise and load pull measurements. The “tuner-wafer probe” assembly can be mounted on the probe station using 3 axis micro-positioners,

configured and pre-assembled by Focus. The micro-positioner’s vertical axis is modified and enhanced in order to support the weight of the tuners and guarantees smooth operation.



Probe Holder with horizontal plan adjustment (mounted on the tuner body)

3 axis wafer-probe tuner Micro-Positioner and probe bracket holding a CCMT-5010-H (10-50 GHz, a,b) and a CCMT-4006 (6-40 GHz, c) tuner.

3 axis Micro-Positioner Characteristics

- Compatible with all major probe stations.
- Maximum weight per axis: 40 lbs.
- Resolution: X,Y: 0.5 mm/360 °, Handle Radius:0.3”
- Resolution: Z: 1.25mm/360 °, Handle Radius:1.25”
- Total weight of Positioner: 12 lbs.
- Dimensions: Positioner alone: L=5”,W=5”,H=12.5”
- Positioner with 4006 tuner: L=8”,W=7”,H=6” with 2” distance to the bottom of the Positioner.