High Performance Microwave Probes for RF probing

❖ Model SP-170BT

- Durable
- 110 to 170 GHz
- Patented Coaxial Design
- Individually Spring-loaded Contacts
- Bias-T Option Available

Model SP-170BT (with bias T)

❖ Flexible Tips for Flexible Probing

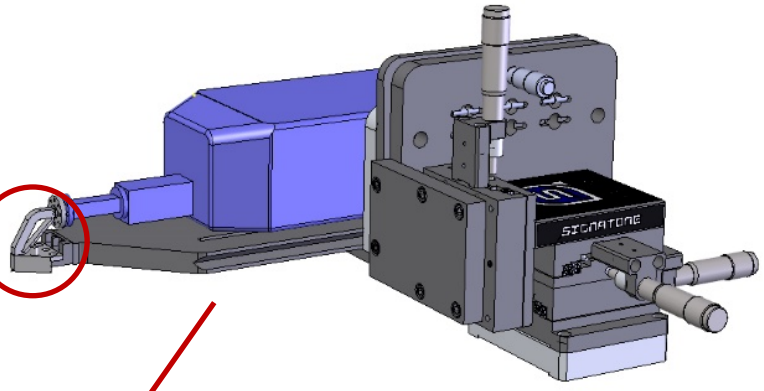
The PICOPROBE MODEL SP-170BT, is a high-performance microwave probe which incorporates a WR-6 waveguide with our patented coaxial design techniques, has inherent low loss and low dispersion characteristics.

Like all of our offered microwave probes, the Model SP-170BT features: individually spring-loaded Beryllium-Copper tips which provide reliable contacts even when probing non-planar structures; direct viewing of probe tips for accurate positioning; and can be designed to almost any pitch and footprint.

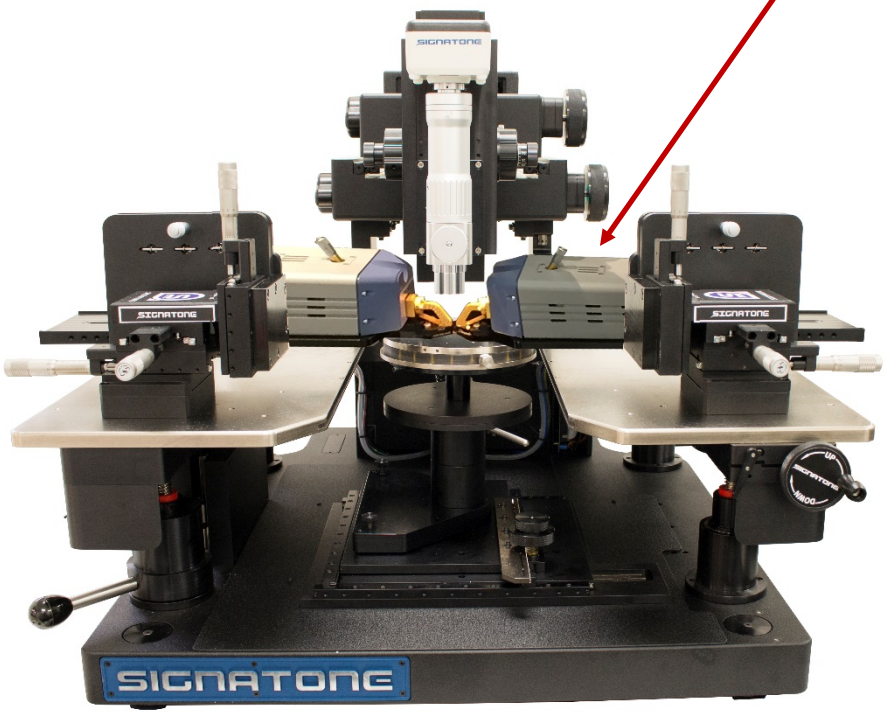
Smaller pitches and Ground-Signal-Ground footprints are recommended for optimum performance. Please contact our office for additional information regarding the performance specifications of the Model SP-170BT

❖ Probe Mounting and Dimensions

Model SP-170BT
110GHz -170GHz
Microwave Probe

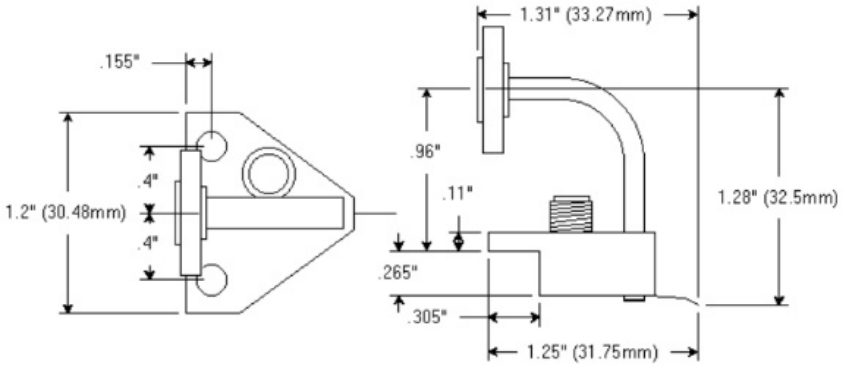


Signatone S-LAP-90 Large Area Positioner for mounting 50-1100GHz probes directly to the Frequency Extender with wave guide.

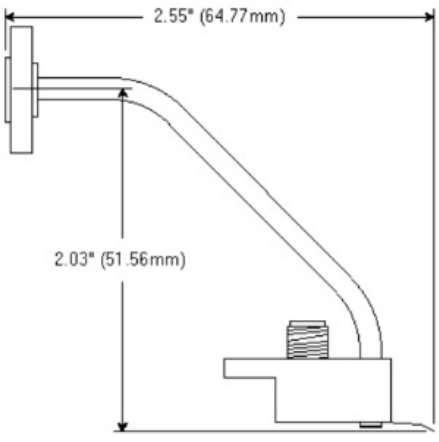


Micropositioners are available to hold virtually all the current models of Frequency extenders and tuners modules so that the module and the probe are moved and positioned as a unit (together). In this way, total ease of positioning can be achieved with minimum insertion loss.

Image Left: Shows WaveLink 170-THZ probe station with East & West S-LAP-90 Positioners, 325 GHz probes attached to Frequency Extenders.



Model SP-170BT Waveguide Dimensions



Model SP-170BT-M Waveguide Dimensions

❖ WARRANTY

- Standard Warranty 12 months *
- For Extended Warranty and Service Contracts : Contact Signatone Corp. for more information

**** See Signatone Corporate Terms and Conditions of Sale for further details.***

- **North America:** Sales.NA@signatone.com
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