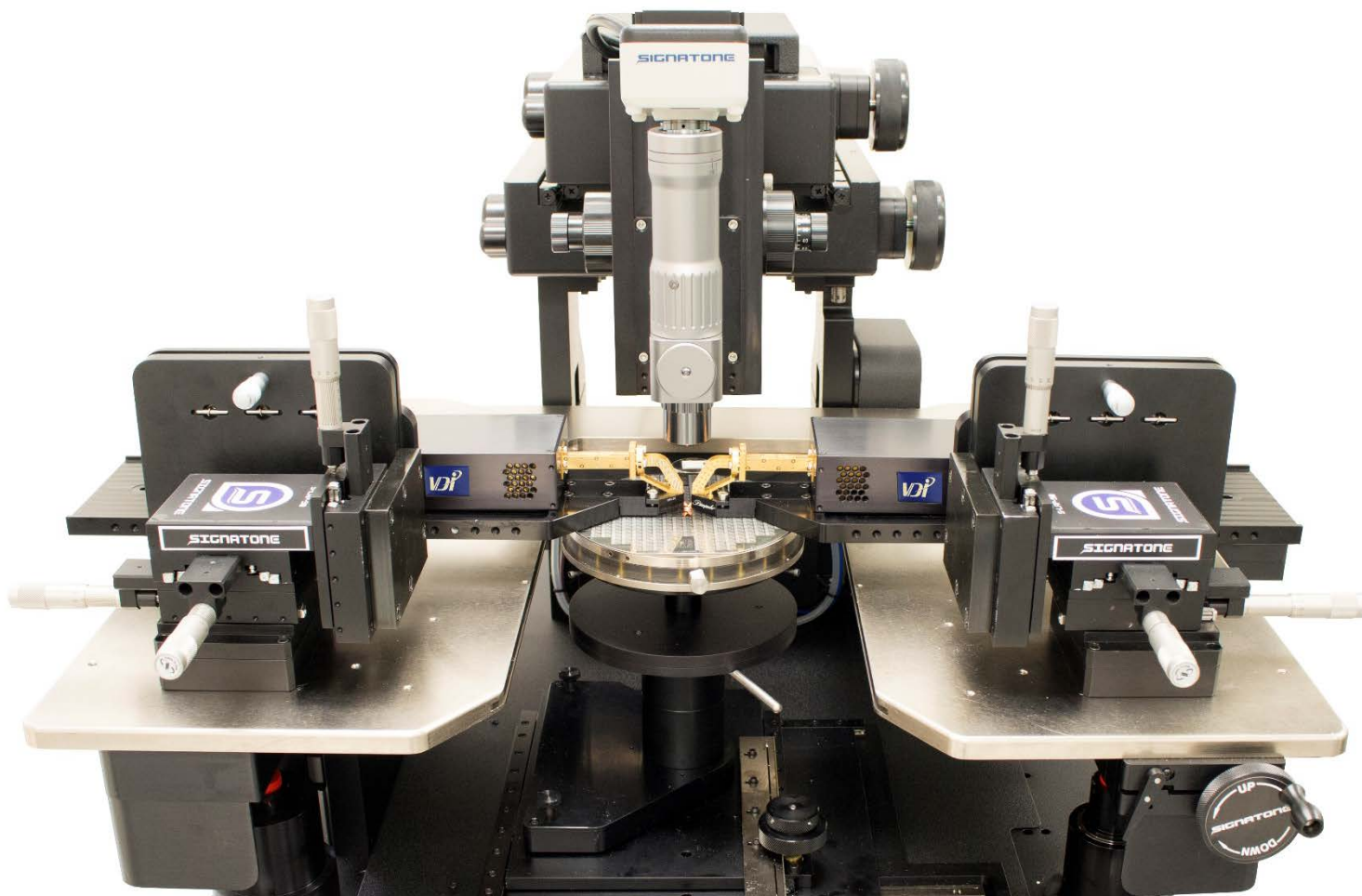


Signatone S-LAP-90 Stable, Large Area RF / mmW Positioner



❖ FEATURES / APPLICATIONS

Signatone offers an extensive line of Micropositioners to address virtually every probing and measurement application, ranging from the very simple to the highly complex sub-micron high-resolution positioners.

The S-LAP90 stable 4-axis Micropositioner is designed To support mmWave frequency extenders and RF Tuner modules.

The smooth motion of the X-Y & Z knobs (at 90°) along with the micrometer driven planarization knob makes the S-LAP90 an integral part of your high frequency test application.

Supports a Variety of Frequency Extenders & Tuners

- Virginia Diode Inc (VDI)
- Rohde & Schwarz
- Keysight
- Anritsu
- OM Labs
- Copper Mountain Test
- Focus Microwaves
- Maury Microwave

❖ SPECIFICATIONS

Model S-M90

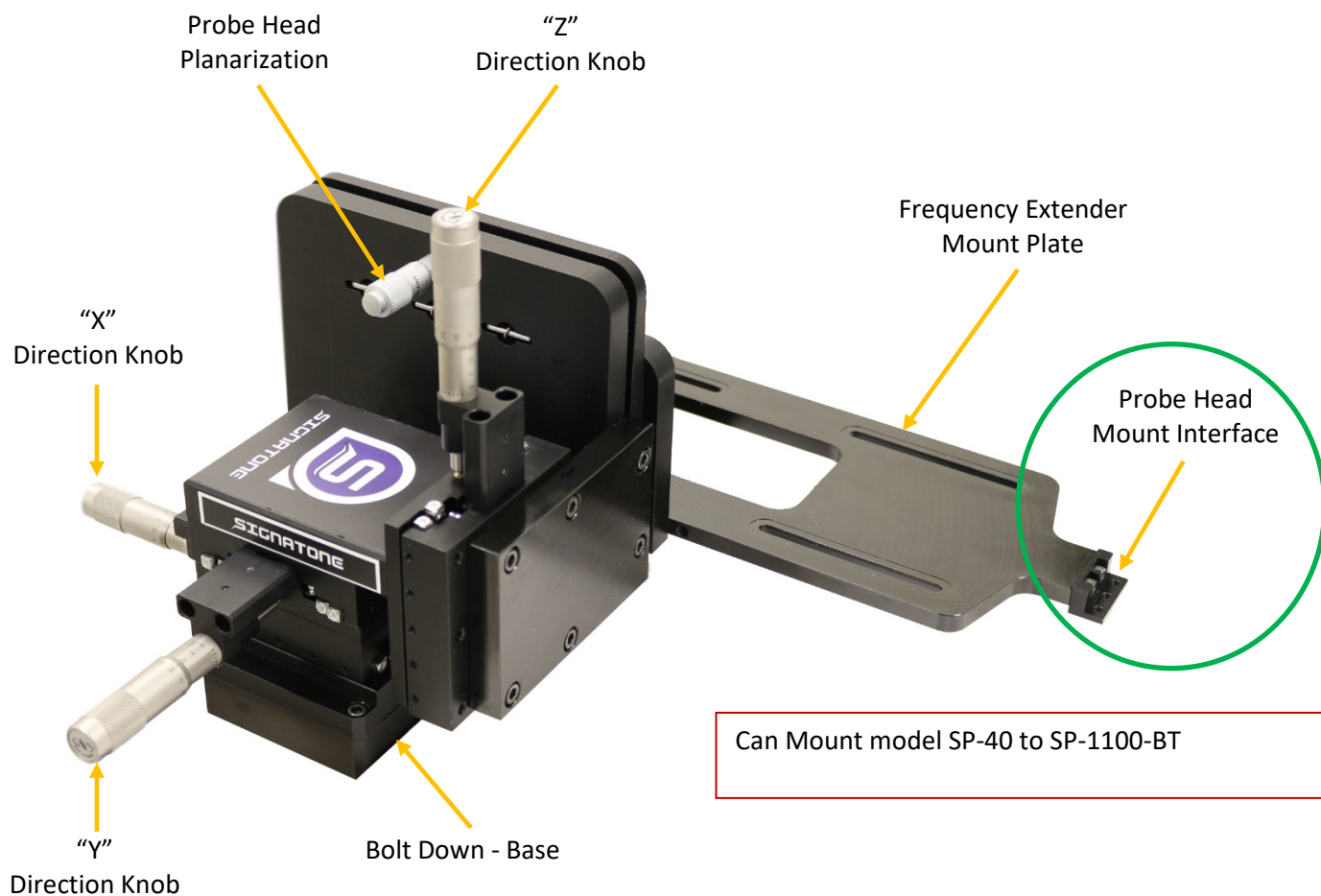
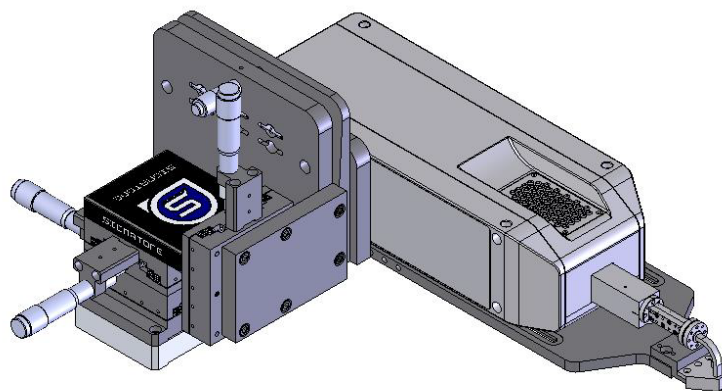
Travel range	X-Y-Z = 25 mm
Planarization range	6° (0.1° resolution)
Feature resolution	2µm
Mounting	Bolt-down
Orientation -Standard	East-West

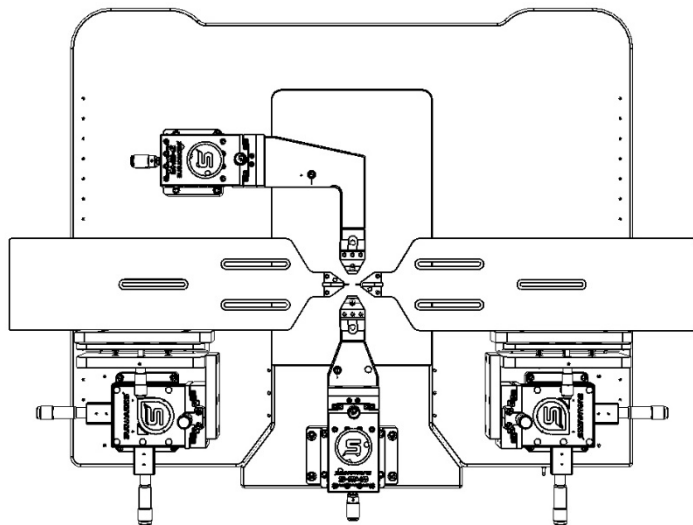
Application

Accurate and stable RF measurements,
Broadband and mmW measurements

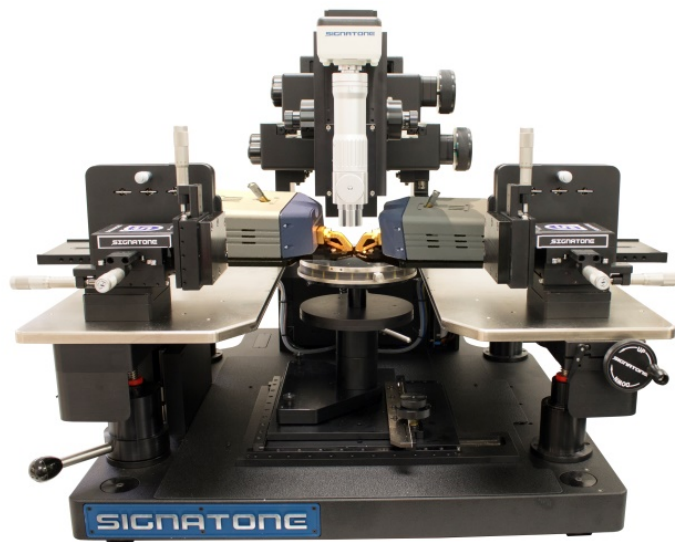
Typical: 33GHz -1.1 THz

Frequency Extender and RF Tuner integration

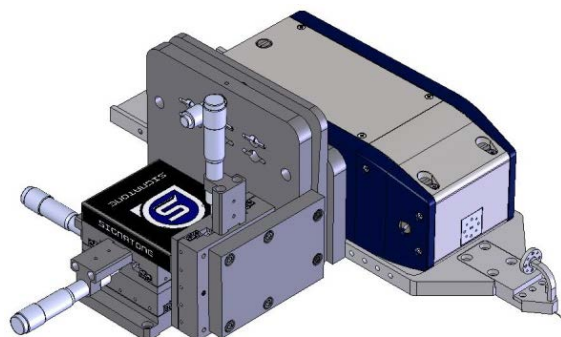




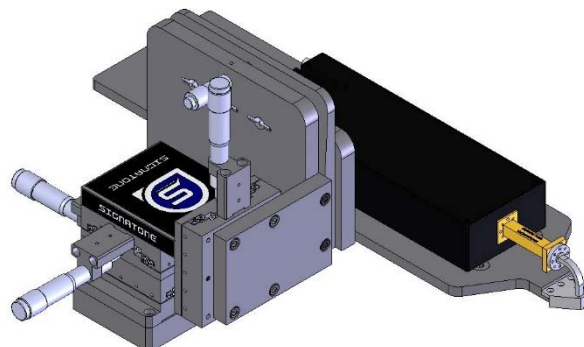
Configured with 2 S-LAP90 and S-M40 Positioners



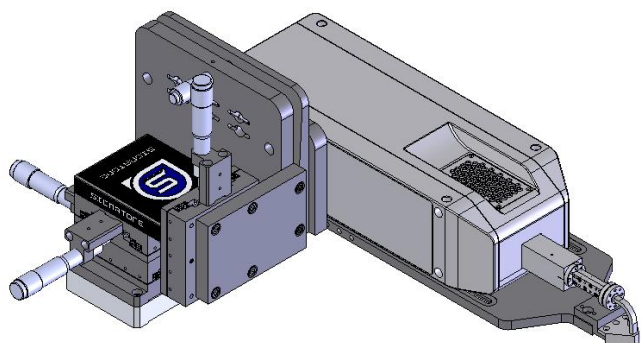
Configured with S-LAP90's and Frequency Extenders



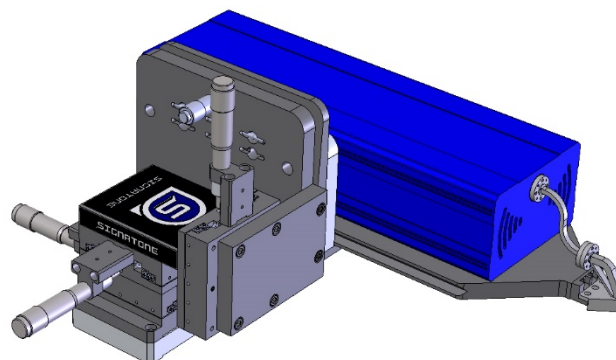
Copper Mountain Technologies Frequency Extender
Mounted on S-LAP90 Positioner



Virginia Diodes Inc. (VDI) Frequency Extender
Mounted on S-LAP90 Positioner

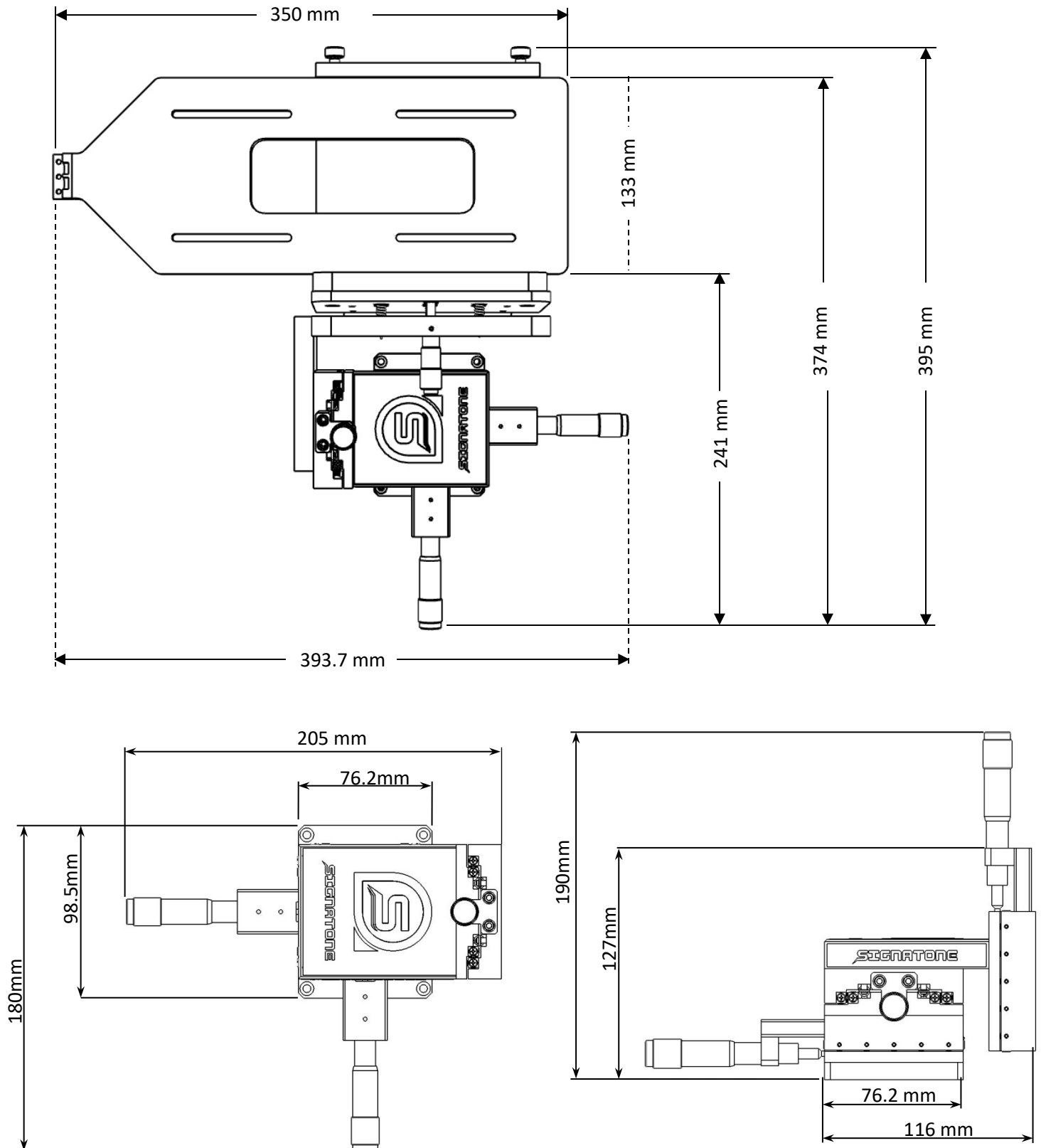


Rohde & Schwarz Frequency Extender
Mounted on S-LAP90 Positioner



OM Labs Frequency Extender
Mounted on S-LAP90 Positioner

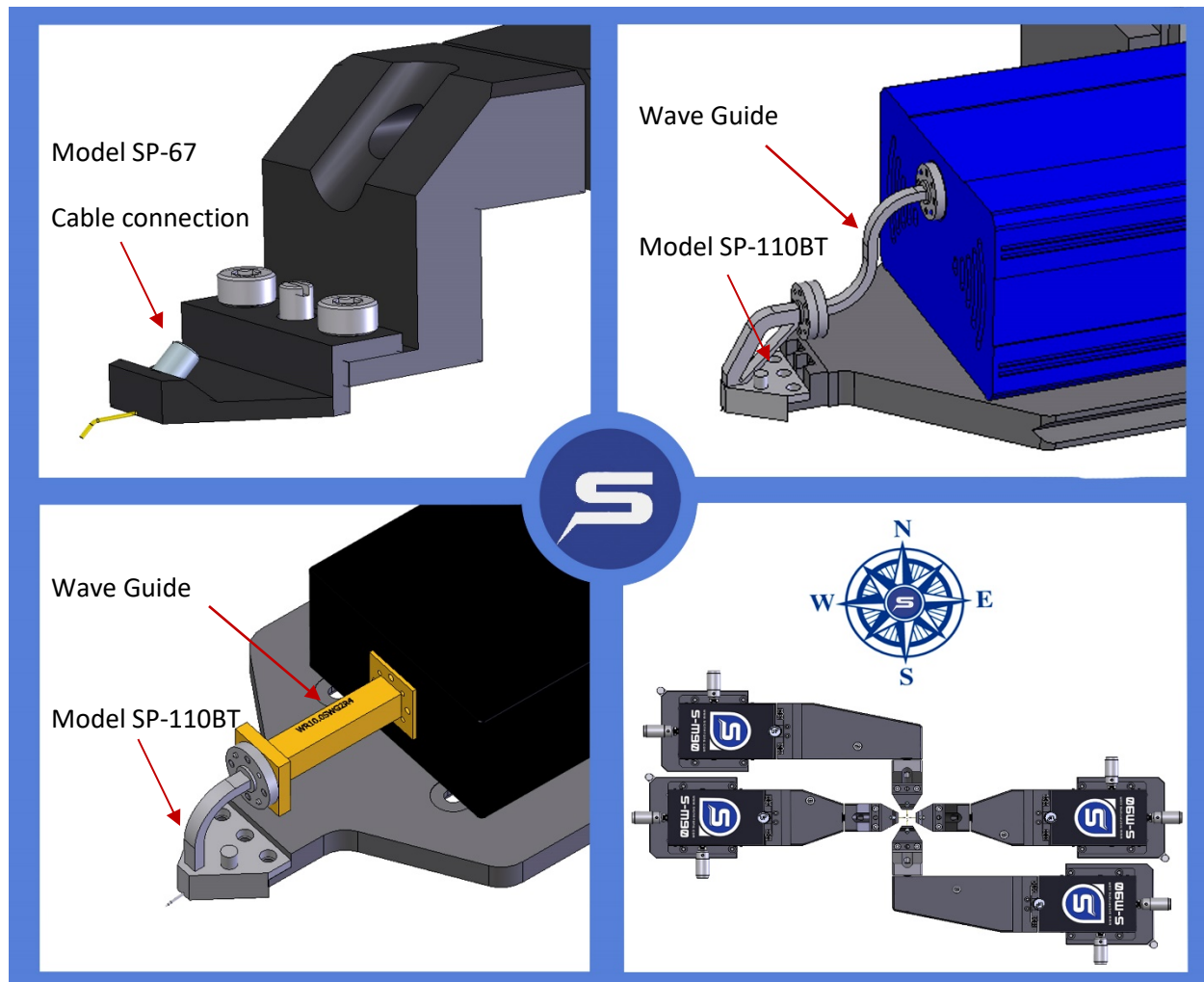
❖ DIMENSIONS S-LAP90 Bolt Down - Hard Mount



❖ 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.



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