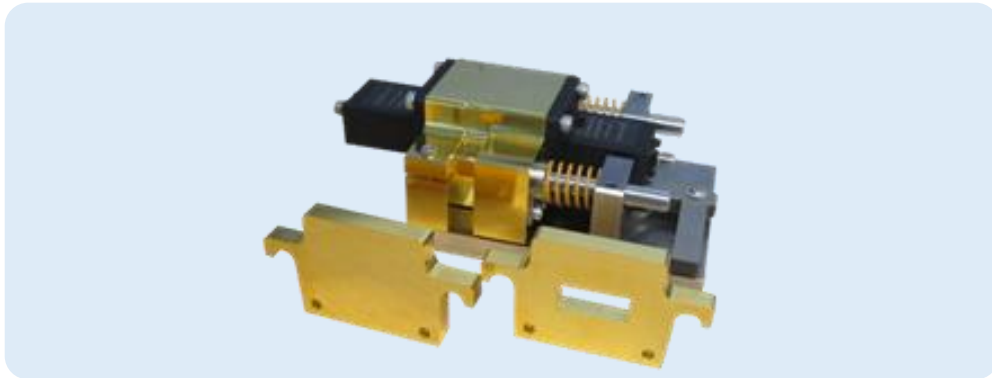


## Waveguide Sample holder Fixture

### Wide frequency range low cost solution with Unique one-lever operation

- Easy operation and repeatable results
- Low introducing cost
- Ideal for small samples



Traditionally, waveguide sample holder measurement includes flange connections, which require a skilled operator and take time. Even with very careful operation, significant cable movement is unavoidable while changing connections, which causes measurement errors. With the unique onelever operation feature of the new fixture, waveguide sample holder measurement becomes very easy and the cable movement can be within only 1 cm in the whole measurement process including TRL calibration. Thus, repeatable results can be obtained efficiently regardless of operator skill levels.

### System Configuration Example

- Keysight Streamline Series USB Network Analyzer P5007A (44 GHz)
- Keysight Material Measurement Suite N1500A (opt.001)
- Rband Waveguide Sample holder Fixture (26.5 – 40 GHz) WSF-R
- RF cable 2.92 mm
- Windows PC

### Product Line-up

Model Number	WSF-X	WSF-P	WSF-K	WSF-R
Frequency (GHz)	8.2-12.4	12.4-18	18-26.5	26.5-40
Waveguide Standard	WR90	WR62	WR42	WR28
Holder inner dimensions (mm)	22.86 x 10.16	15.80 x 7.90	10.67 x 4.32	7.11 x 3.56
Holder length (mm)	7.5	5	3.5	2.5
Connectors	2.92 mm (f)			