

Easy to use and repeatable with totally new design!

Waveguide Sample holder Fixture For Permittivity and Permeability Measurements WSF Series (8.2 - 40 GHz)



Unique one-lever operation

Release the lever



Insert the holder



Fix with the lever



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 one-lever 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.

Configuration

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

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)			