

Probe Positioner

for T-probe

Microwave Farm's Probe Positioner is designed for precise RF probing measurement using T-probe which have GSG & GS contact structure. The magnetic switch on metal base plated can be turned on and off to keep the positioner firmly to its position or moved and lifted to a new position easily. Its articulated arm is controlled by arm knob at the middle joint that keeps the arm firm and steady.

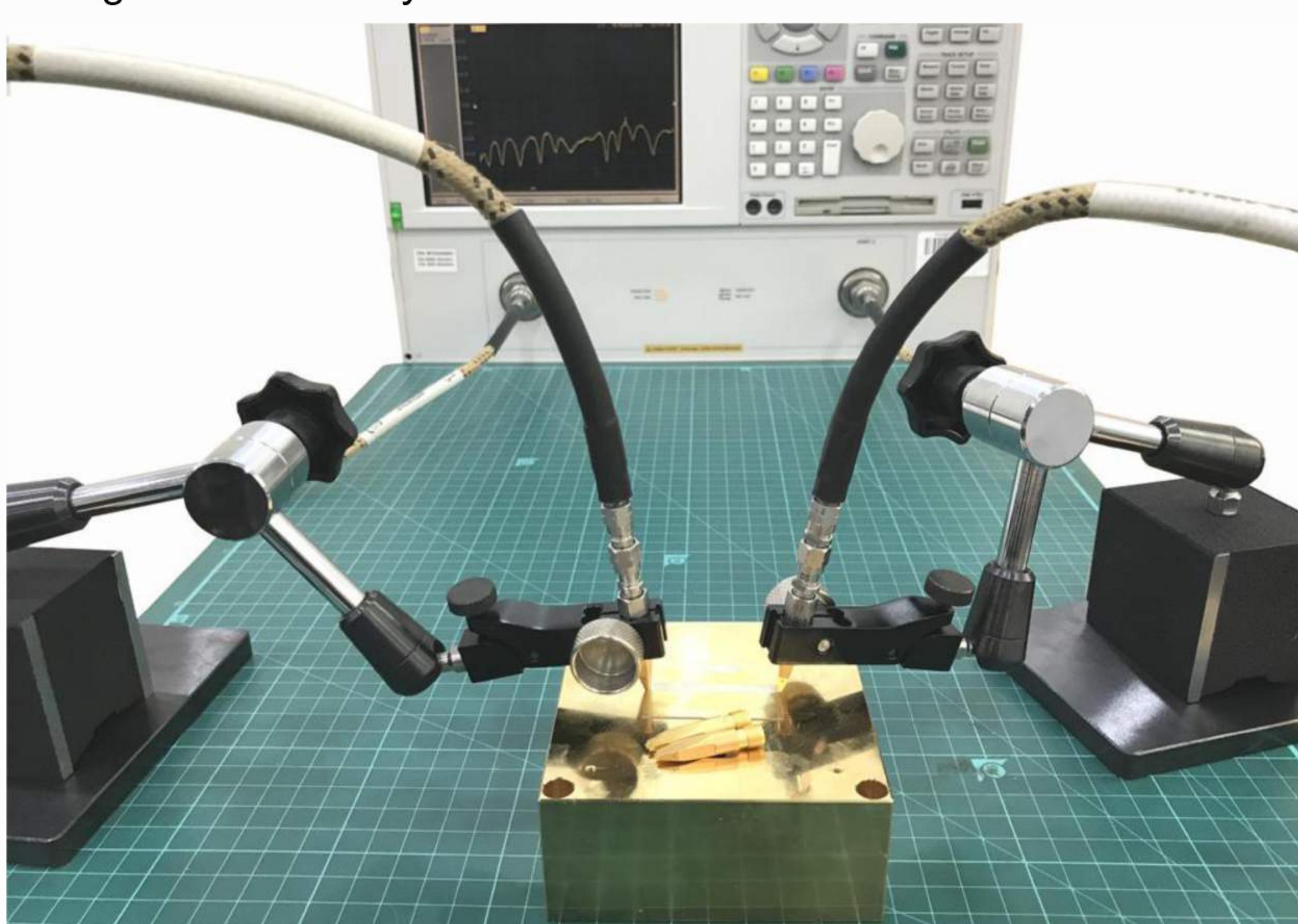


■ Advantage

- Articulated and Flexible Joints
- Easy to control to X-, Y-, Z- direction using Arm Knob
- Stable test measurement

■ Applications

- RF & Microwave module signal insertion, detection & output measurement
- High frequency circuit board electrical performance analysis
- High speed digital circuit analysis



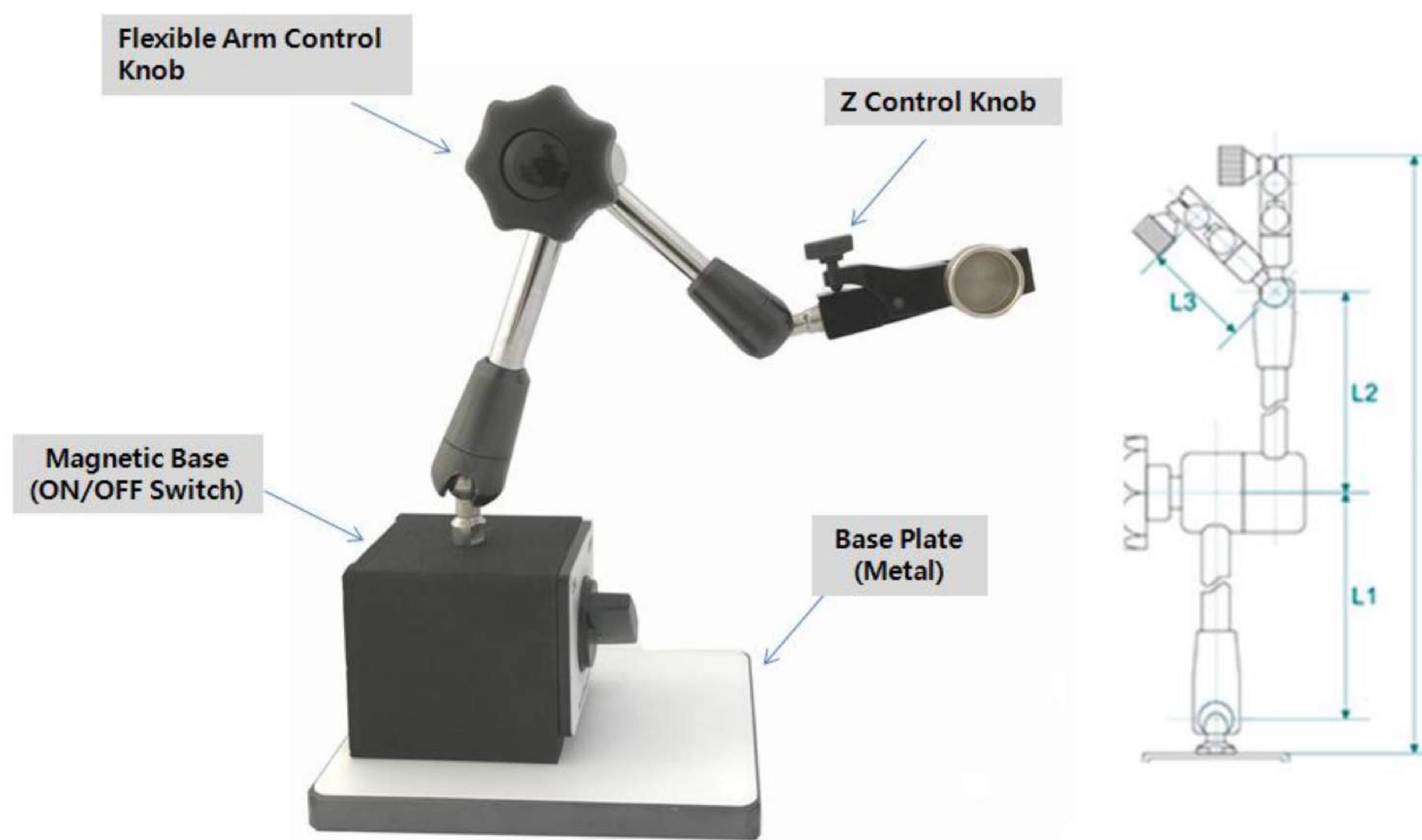
Probe Positioners

for T-probe

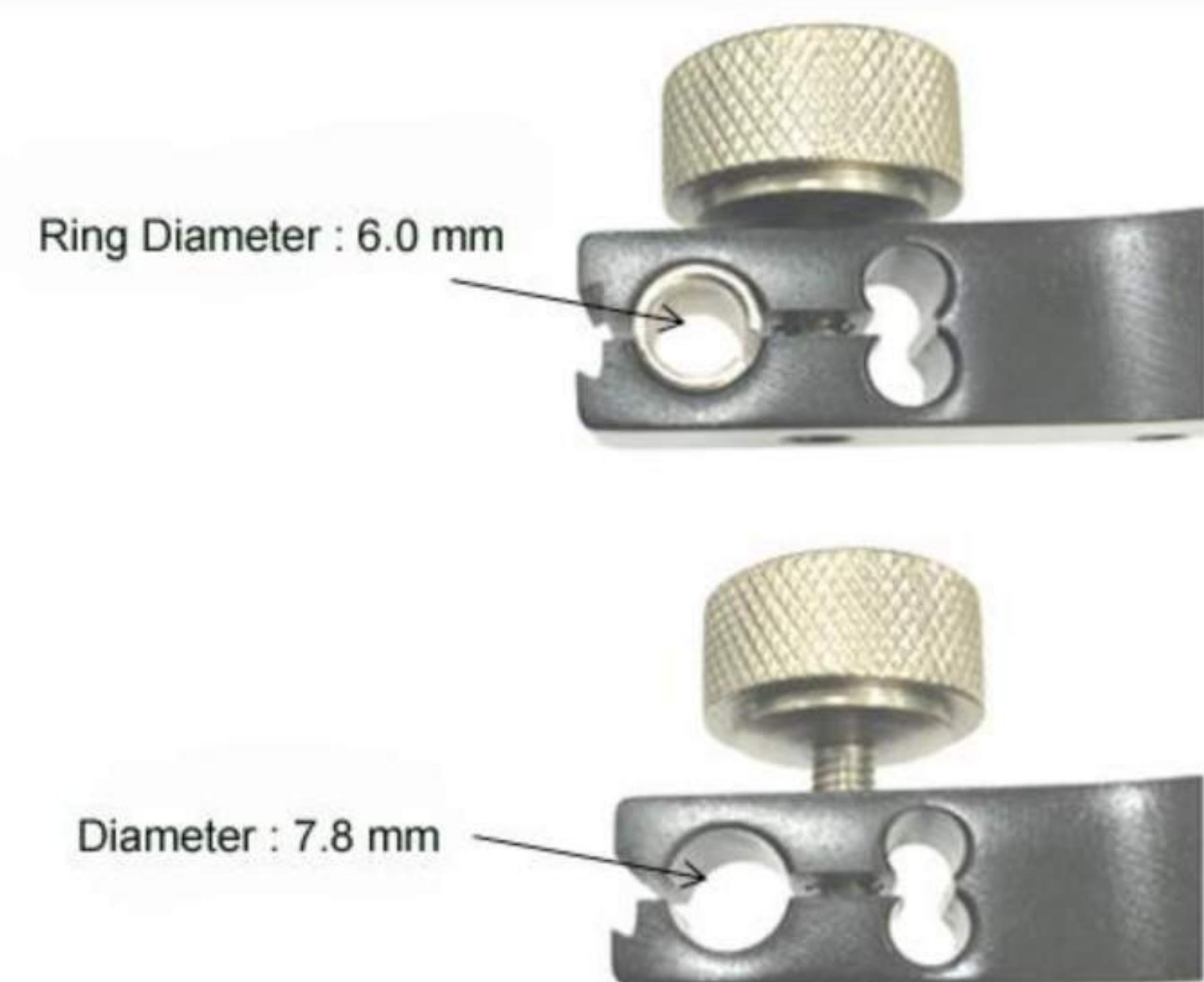


■ Specification

Scope	Items	Part No: PP-01
Mechanical	Arm Length	L1 : 93 mm L2 : 73 mm L3 : 68 mm Total Length : 262 mm
	Hole Diameter	6.0 mm (with metal ring) 7.8 mm (without metal ring)
	Magnetic Base	Size (mm): 50 x 65 x 55
	Base plate	Size (mm) : 120 x 90 Material : Steel
Weight (Total)		2,145 g



Probe Fixture	Arm Length (unit : mm)			
	L1	L2	L3	L
	93	73	68	262

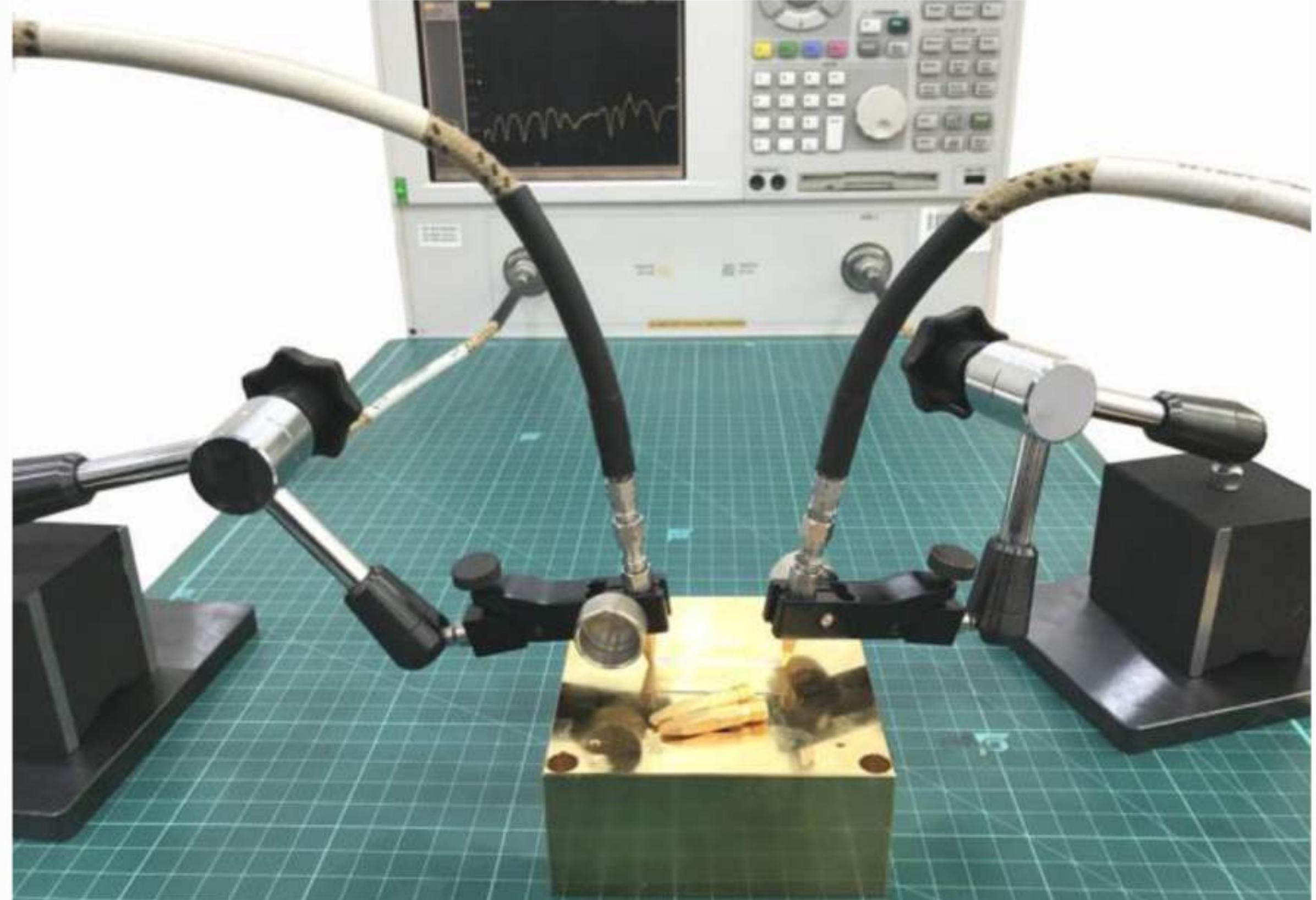


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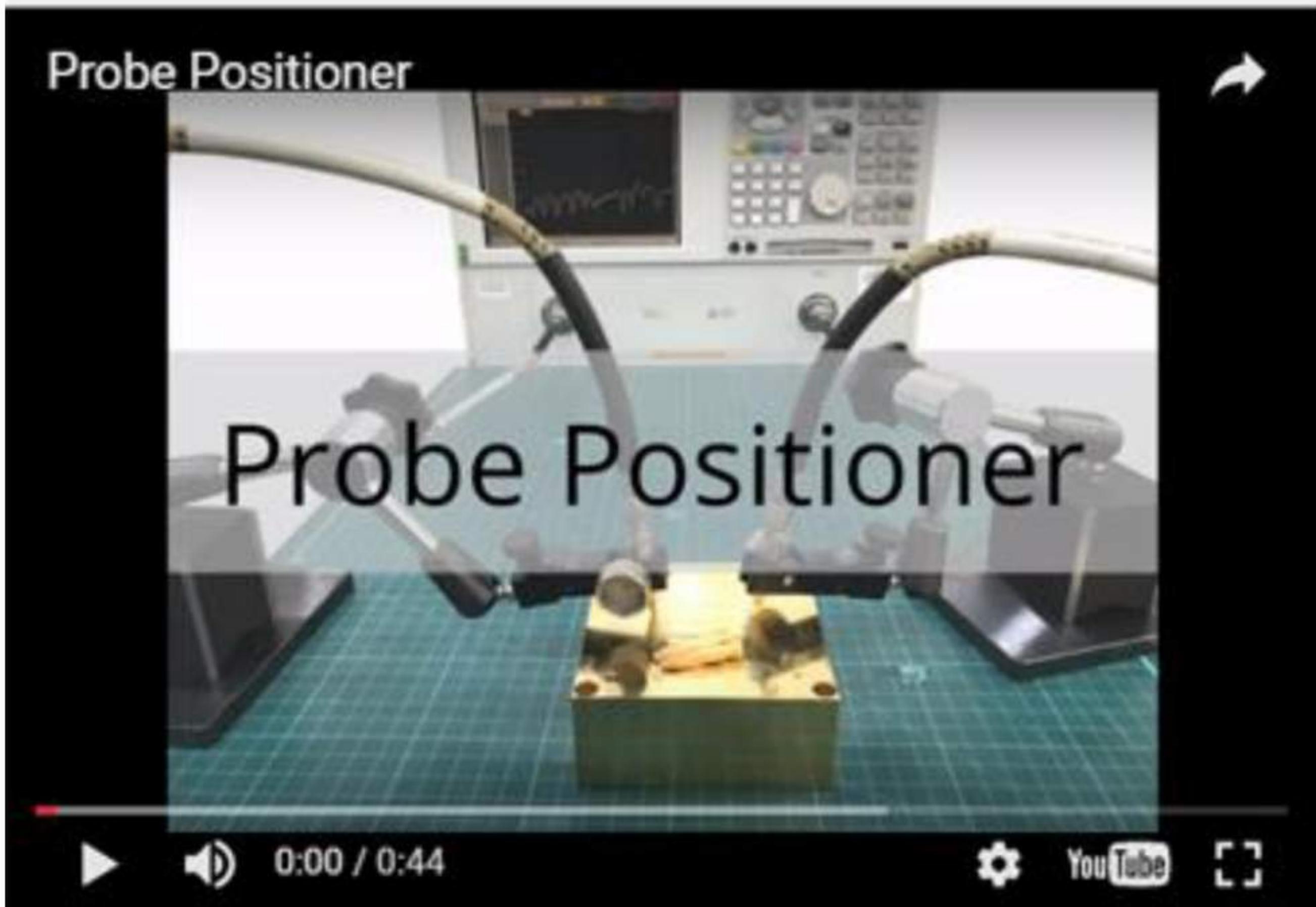
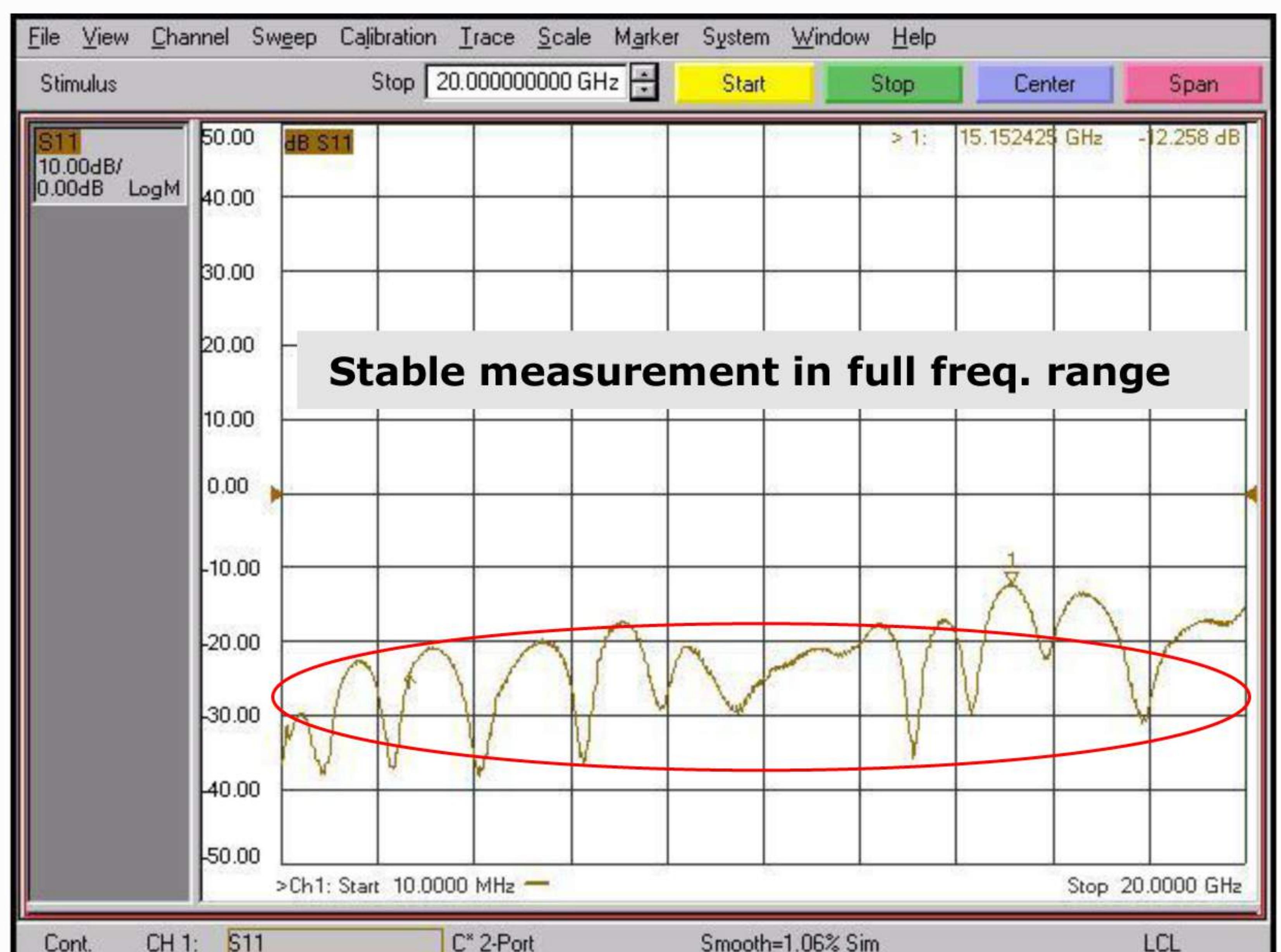
for T-probe

■ Test Result

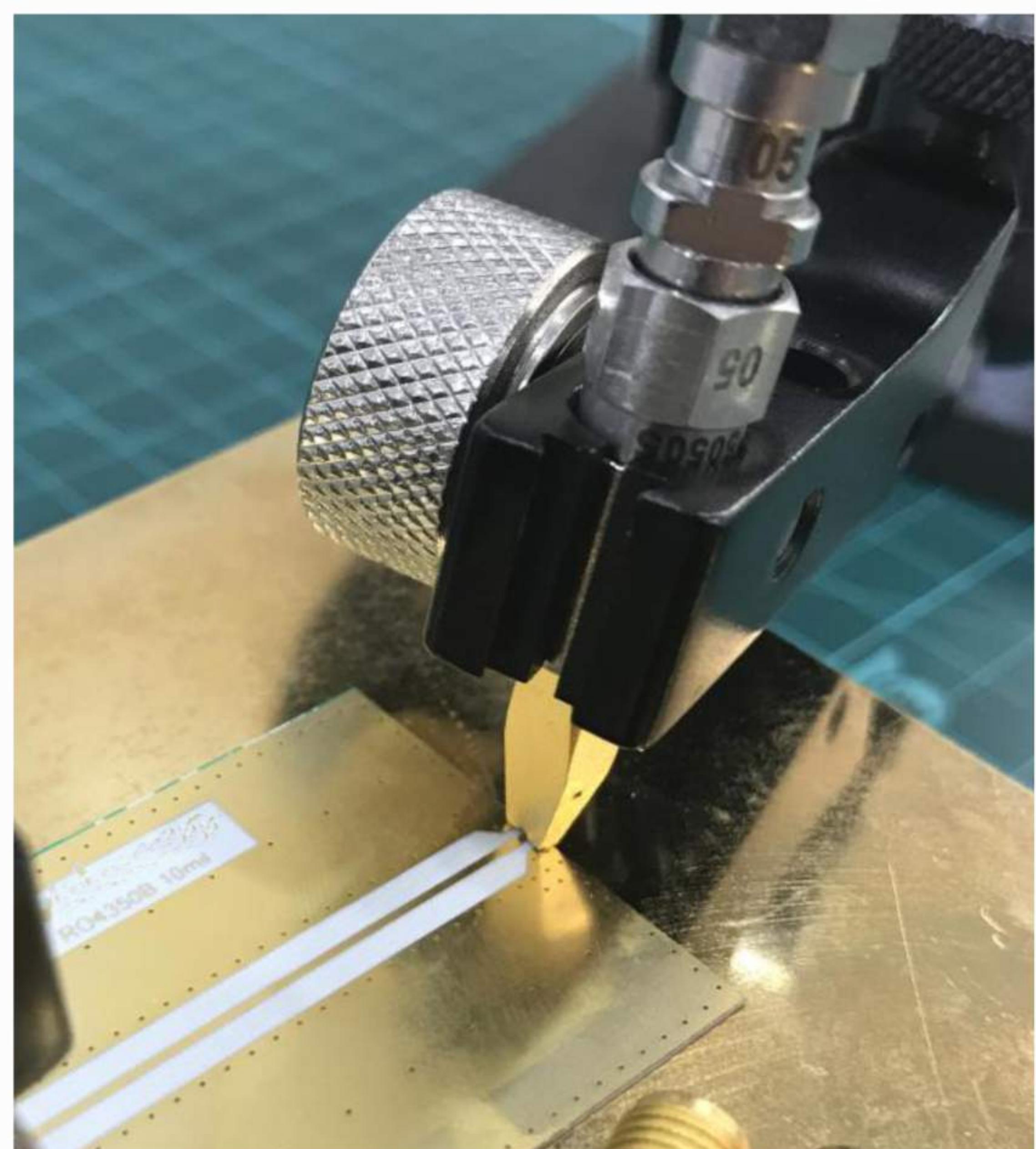
Freq. range : 10 MHz ~ 20 GHz



- Test Board : RO4350B (10 mil)
- Trace Length : 40 mm



Please see YouTube video for probe Measurement

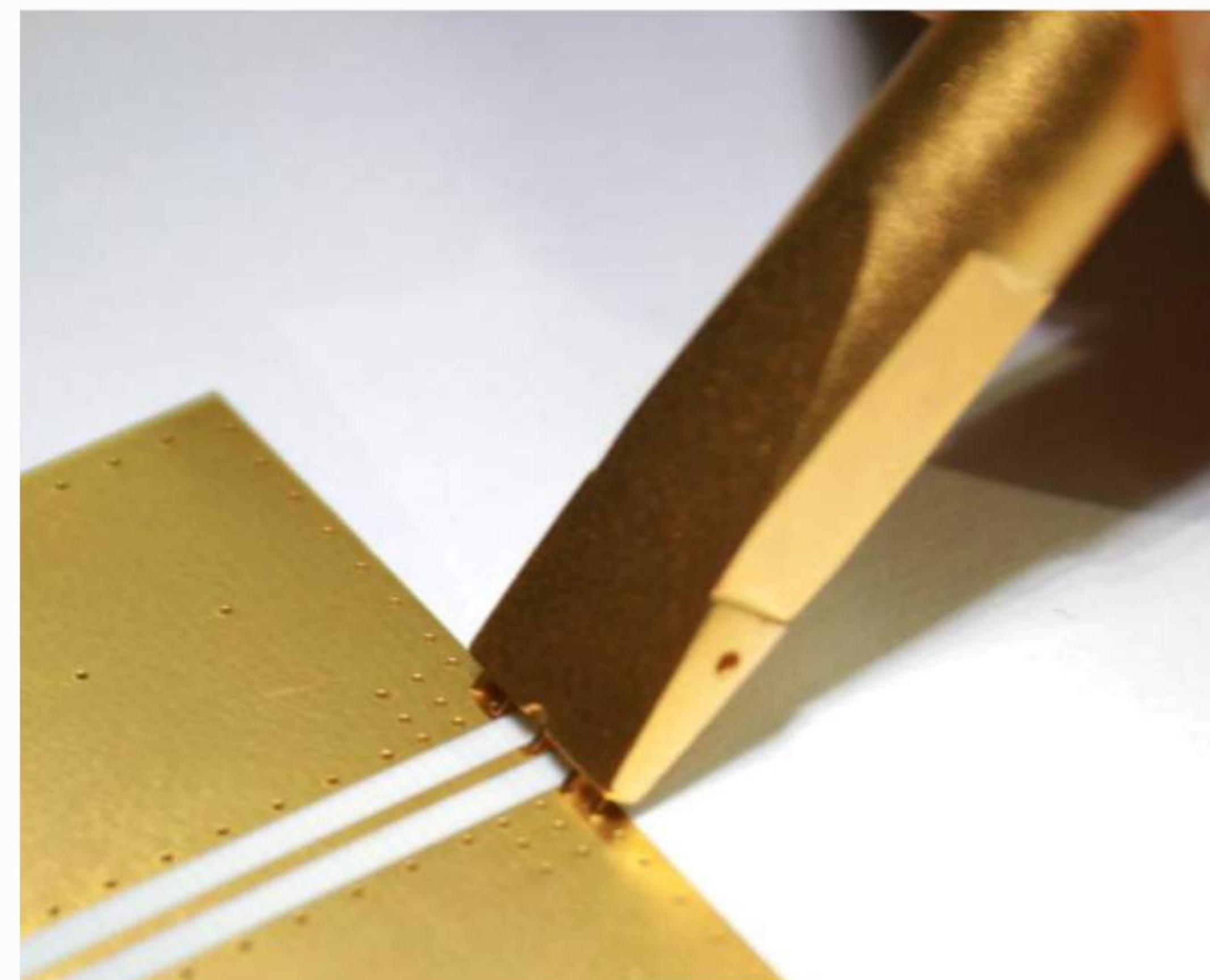


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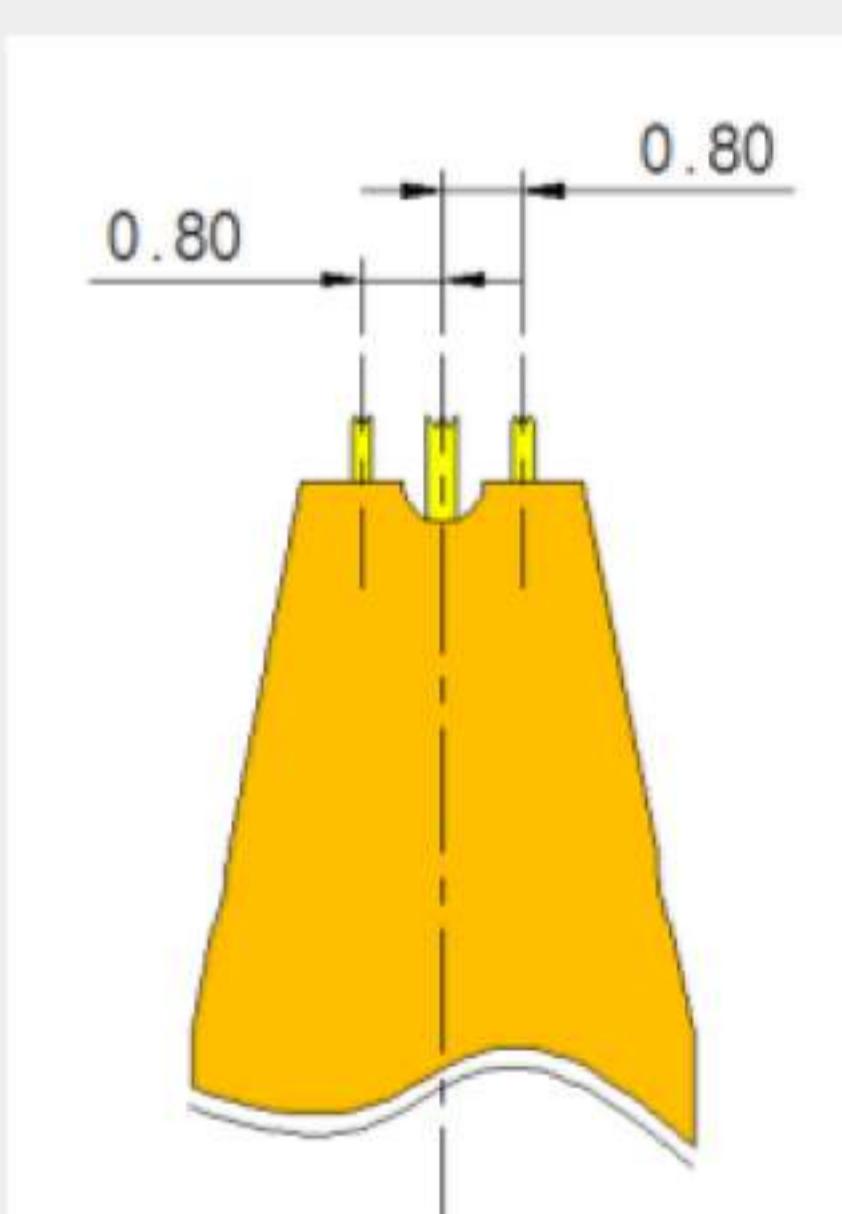
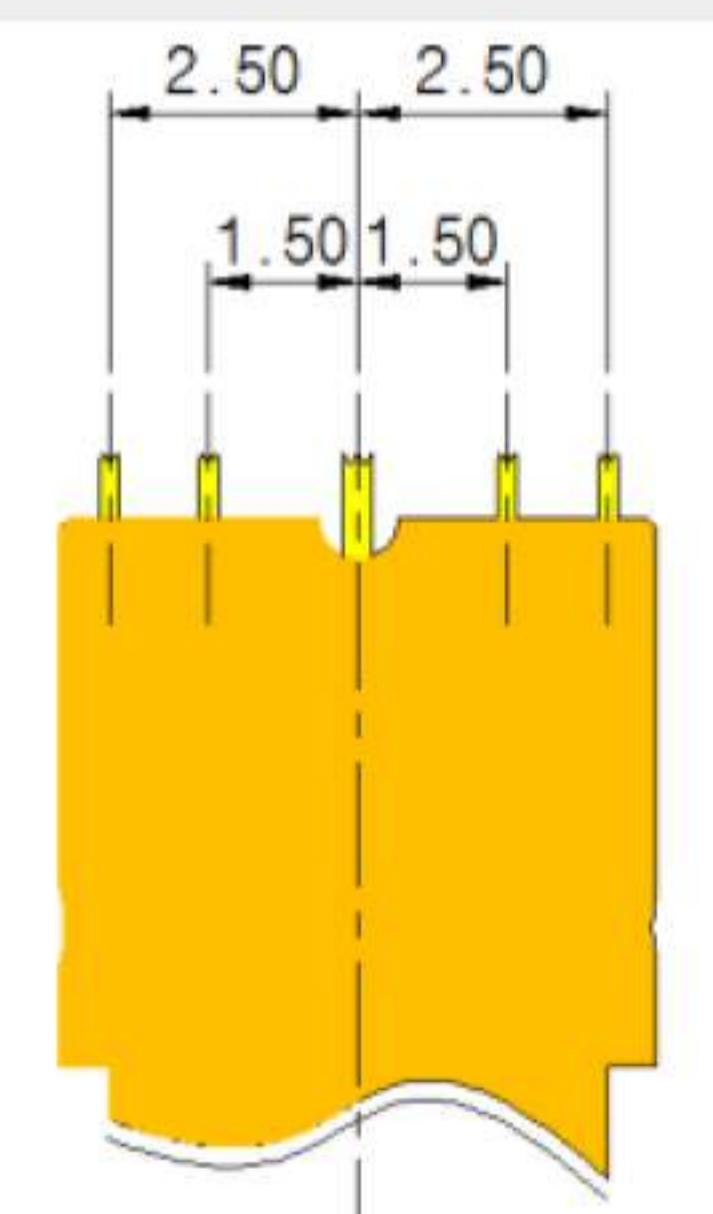
for *T-probe*



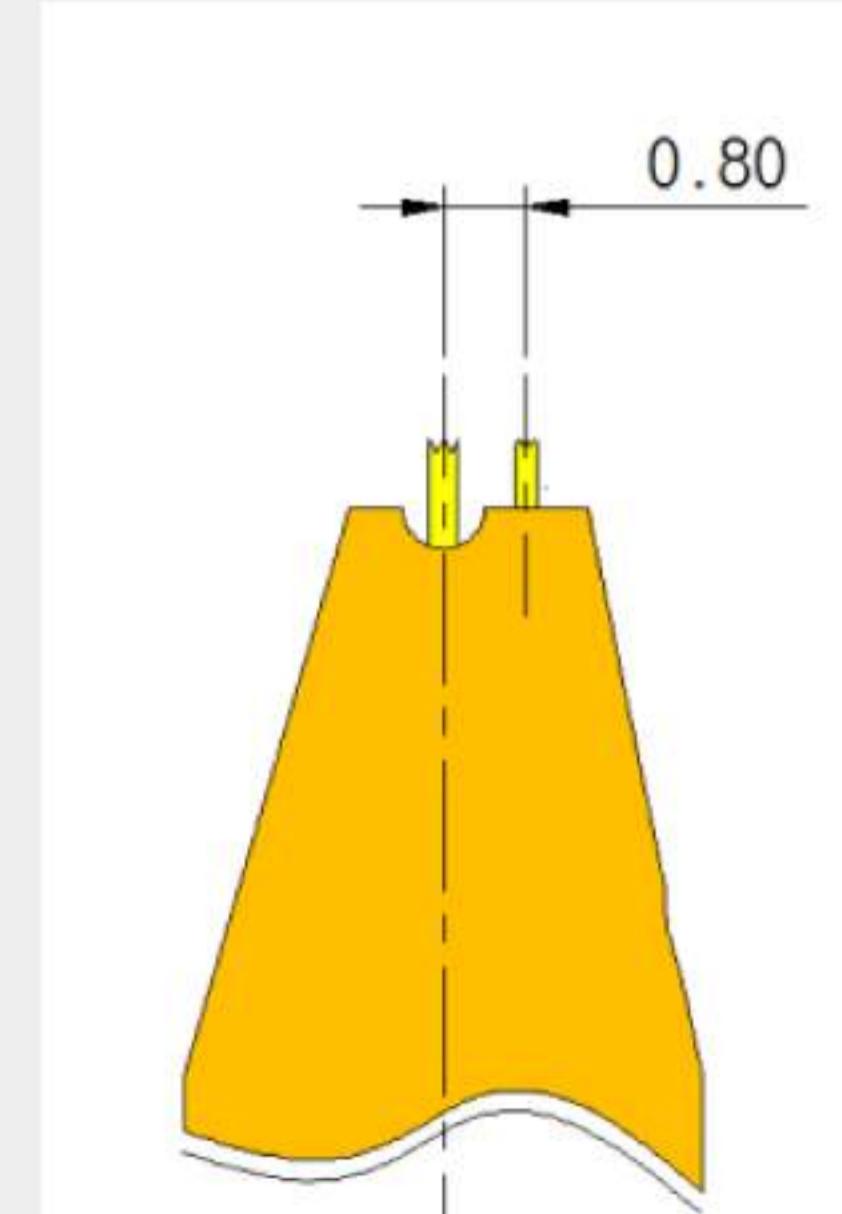
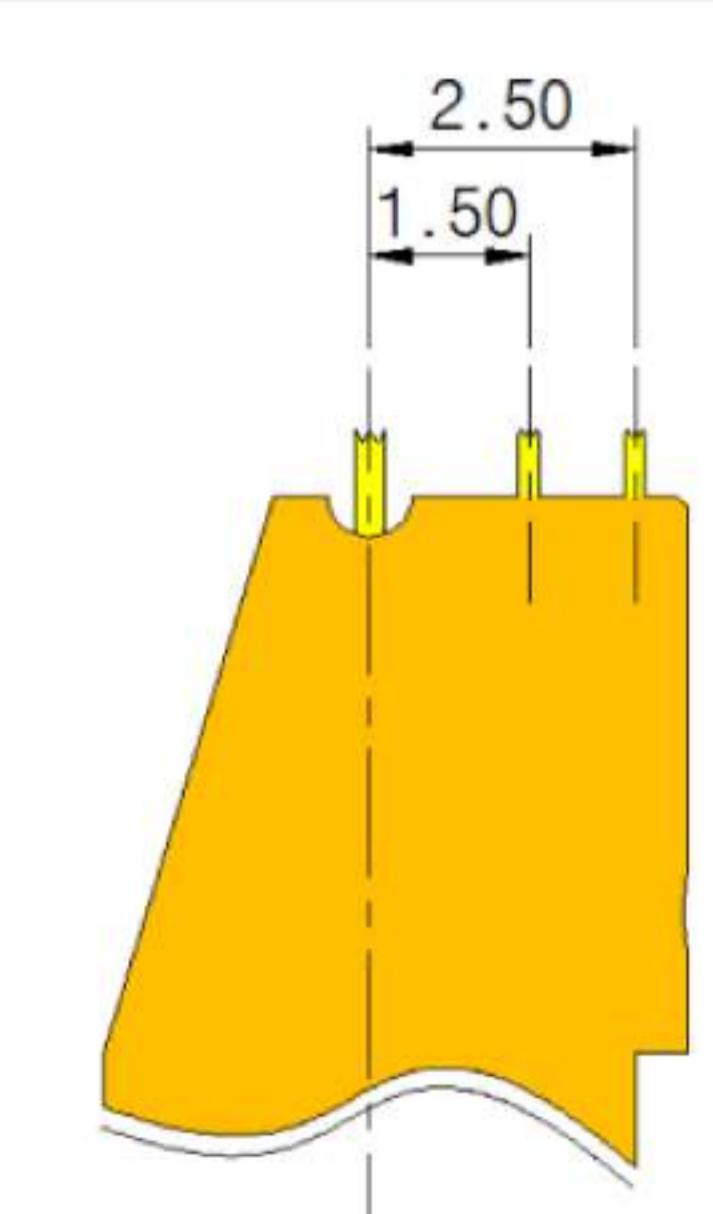
■ *T-Probe*



▪ GSG Type (pitch : 0.8/ 1.5, 2.5)

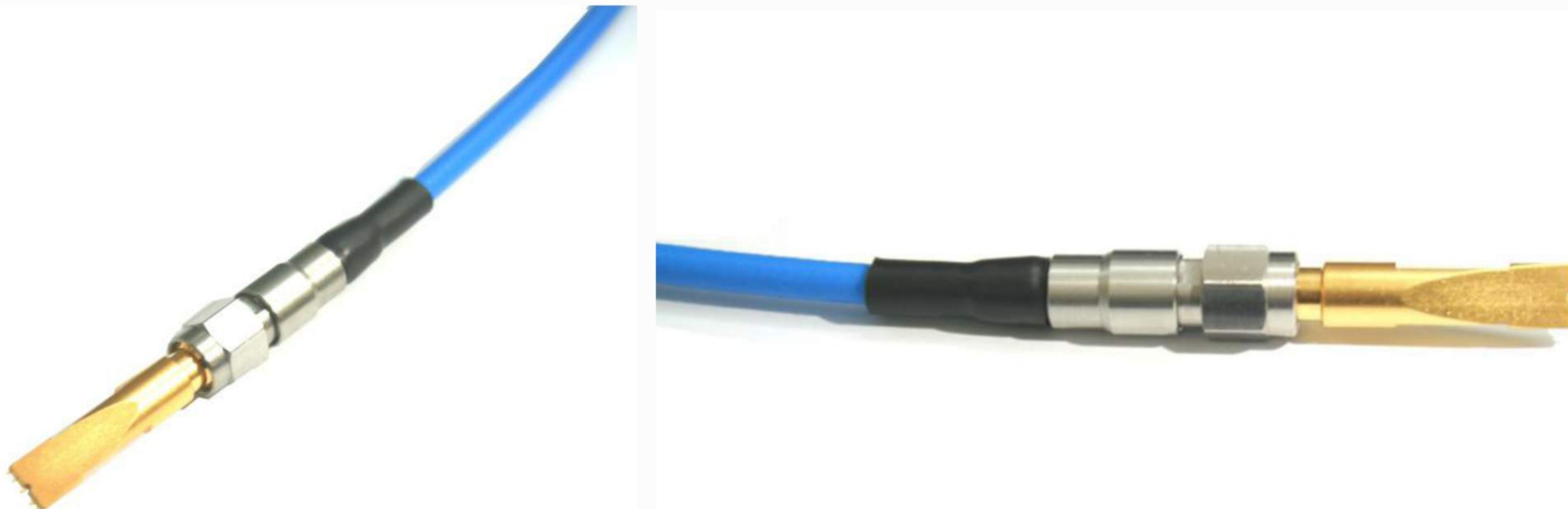
Part No.	PU-04G-01	PU-04G-02
Pitch (mm)	0.8	1.5 & 2.5
Structure	 A 3D perspective diagram of the probe tip for PU-04G-01. It shows a single probe tip with a width of 0.80 mm at the top and a height of 0.80 mm from the base to the tip point.	 A 3D perspective diagram of the probe tip for PU-04G-02. It shows two probe tips side-by-side, with a total width of 2.50 mm and a height of 1.50 mm from the base to the tip point.

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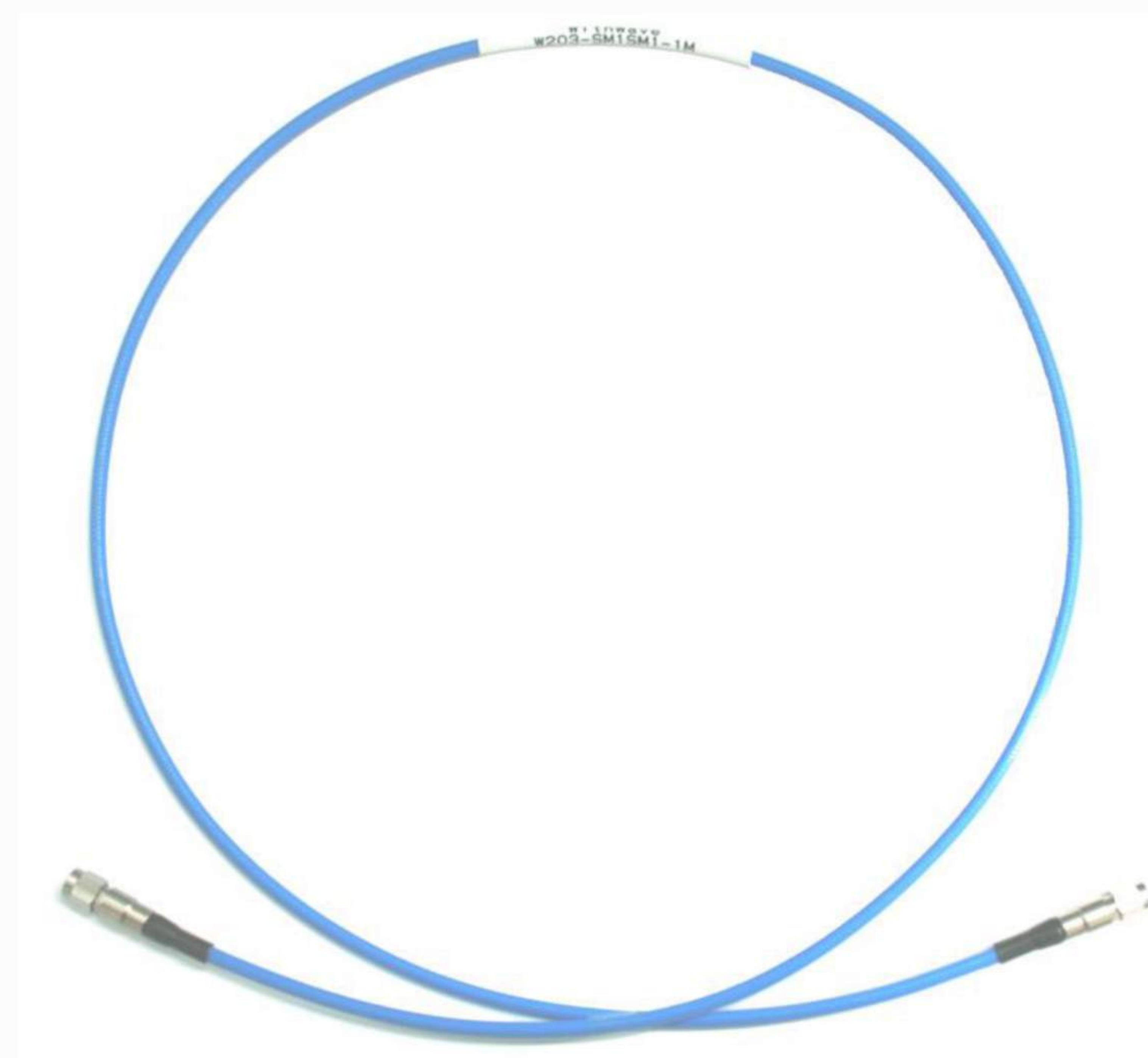
Part No.	PU-04S-01	PU-04S-02
Pitch (mm)	0.8	1.5 & 2.5
Structure	 A 3D perspective diagram of the probe tip for PU-04S-01. It shows a single probe tip with a width of 0.80 mm at the top and a height of 0.80 mm from the base to the tip point.	 A 3D perspective diagram of the probe tip for PU-04S-02. It shows two probe tips side-by-side, with a total width of 2.50 mm and a height of 1.50 mm from the base to the tip point.

■ Accessories : Test Cable Assembly

W203 cable assembly



▪ Part No. : **W203-SM1SM1-1M**



- Frequency : DC to 26.5 GHz
- Connector : SMA(Male)
- Cable : W203
- Cable Diameter : 3.80 mm