

**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 plate 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.

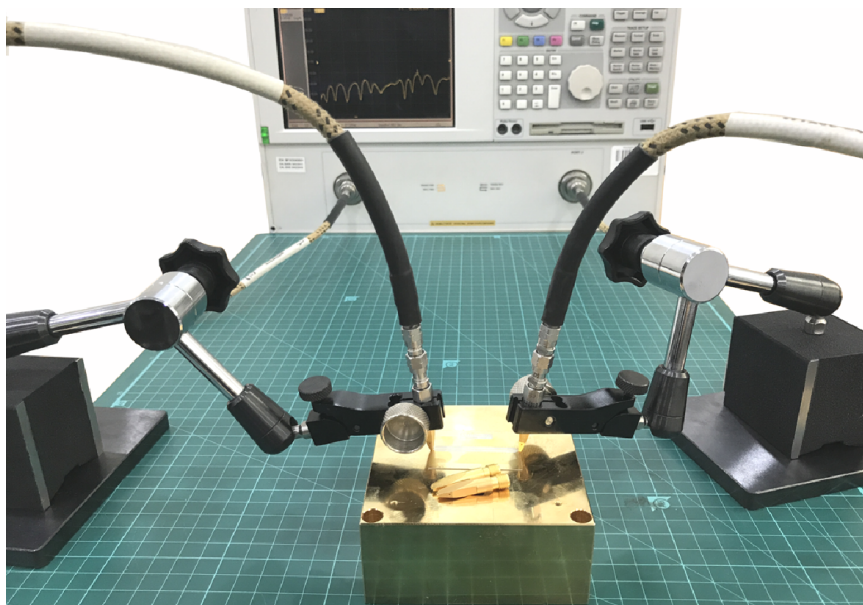


### ■ Advantage

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

### ■ Applications

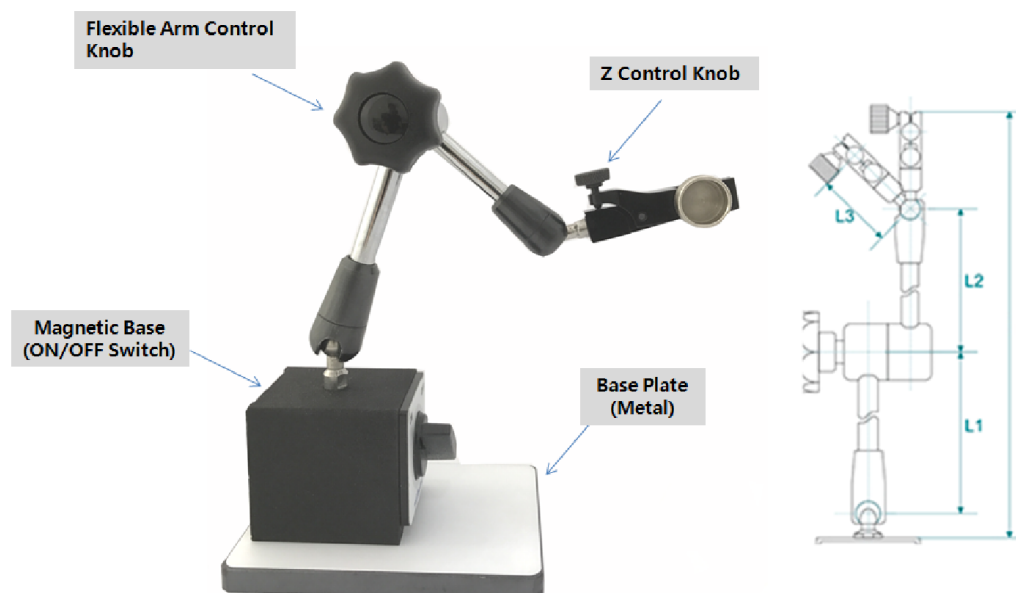
- RF & Microwave module signal insertion, detection & output measurement
- High frequency circuit board electrical performance analysis
- High speed digital circuit analysis



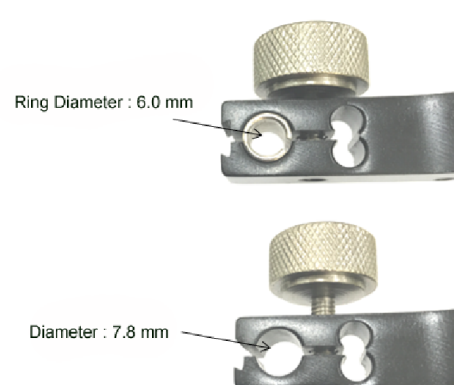
# Probe Positioners *for T-probe*

## ■ Specification

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

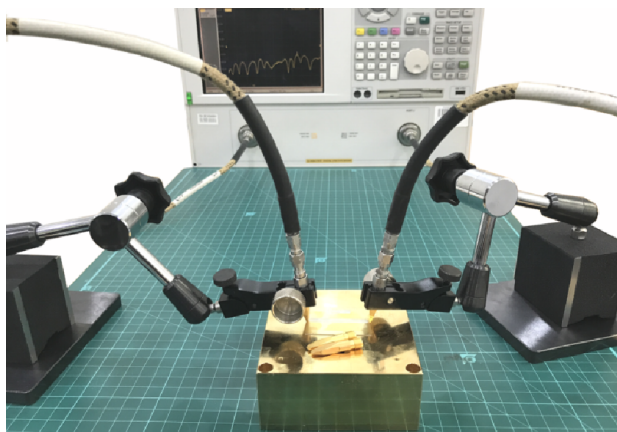


|               | Arm Length (unit : mm) |    |    |     |
|---------------|------------------------|----|----|-----|
| Probe Fixture | L1                     | L2 | L3 | L   |
|               | 93                     | 73 | 68 | 262 |



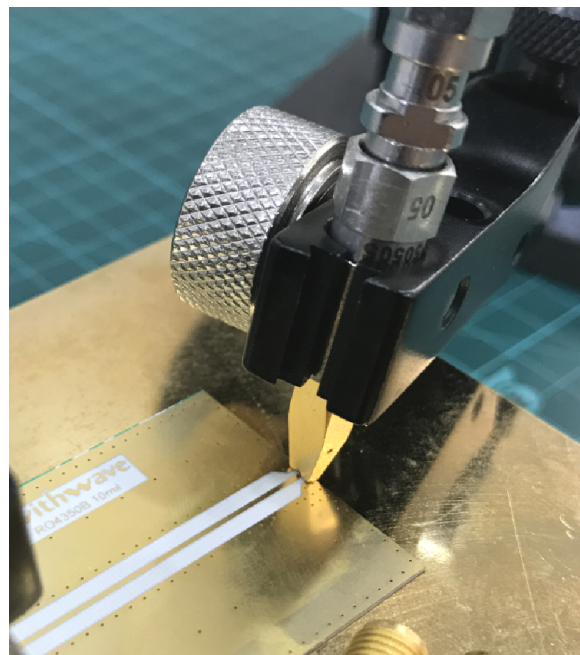
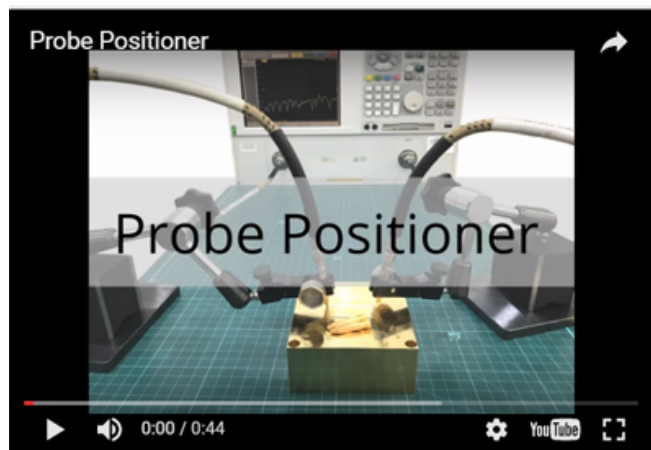
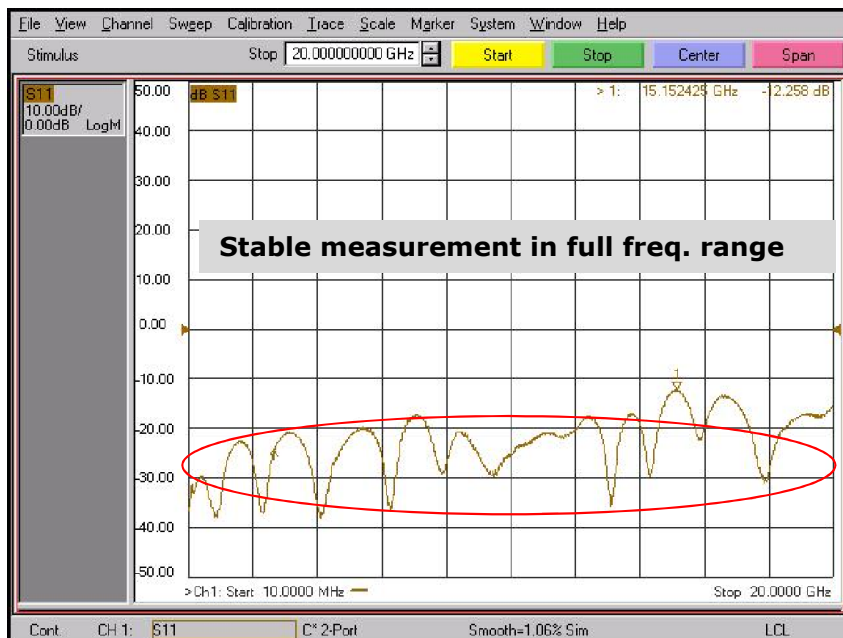
# Probe Positioners for T-probe

## Test Result



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

Freq. range : 10 MHz ~ 20 GHz

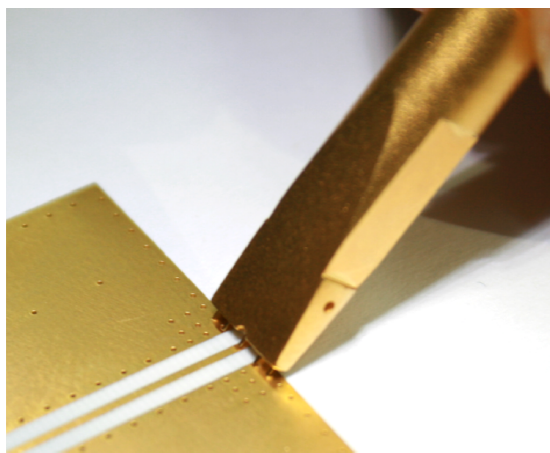


Please see YouTube video for probe Measurement

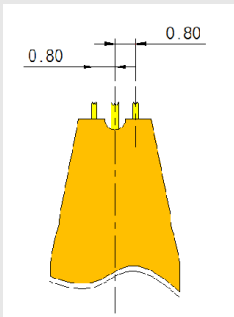
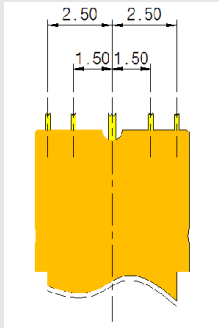


# Probe Positioners *for T-probe*

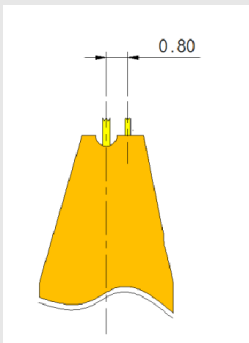
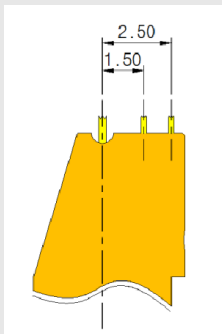
## ■ T-Probe



### ▪ GSG Type (pitch : 0.8/ 1.5, 2.5)

| Part No.   | MFPU-04G-01                                                                         | MFPU-04G-02                                                                          |
|------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Pitch (mm) | 0.8                                                                                 | 1.5 & 2.5                                                                            |
| Structure  |  |  |

### ▪ GS Type (pitch : 0.8/ 1.5, 2.5)

| Part No.   | MFPU-04S-01                                                                         | MFPU-04S-02                                                                          |
|------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Pitch (mm) | 0.8                                                                                 | 1.5 & 2.5                                                                            |
| Structure  |  |  |

# Probe Positioners *for T-probe*

## ■ Accessories : Test Cable Assembly

### MFW203 cable assembly



### ▪ Part No. : MFW203-SM1SM1-1M



- Frequency : DC to 26.5 GHz
- Connector : SMA(Male)
- Cable: MFW203
- Cable Diameter : 3.80 mm