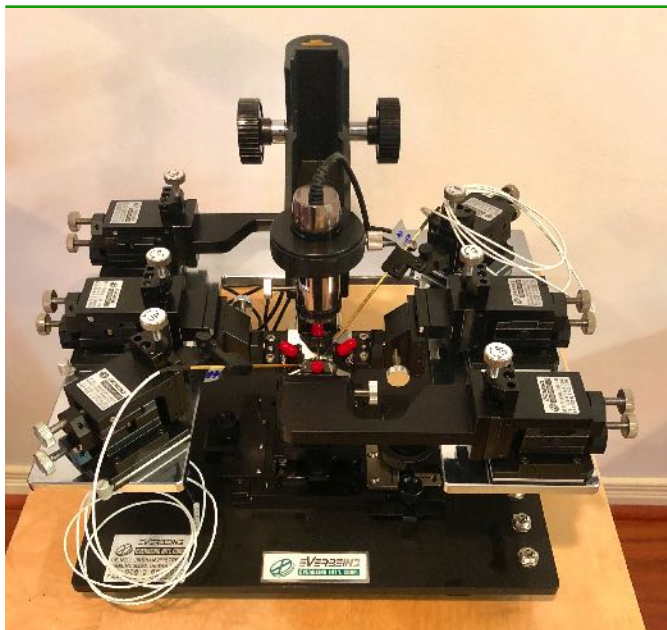


Your Partner in Probing Solutions



C-2-RF Mini Station

Versatile 2" probe station for RF measurements
with convenience features built in

Introducing the worlds smallest, yet reliable RF probe station. This machine is capable of a full four port measurements with two DC biasing positioners. The following highlights some key features:

- Most Cost Effective

- Affordable RF probe station

- 26 kg Weight

- Share instruments if they're not accessible in your lab!
- Equipped with 150x optical zoom digital microscope (photo and video capabilities)
- Lightest with full functions

- 360 mm x 330 mm Footprint

- Place in glove box for dry or oxygen free environment. Allow hot/cold chuck -60° C to 200° C
- Place on top of an optical table
- Integrated Vibration Isolator

- Versatile Measurements

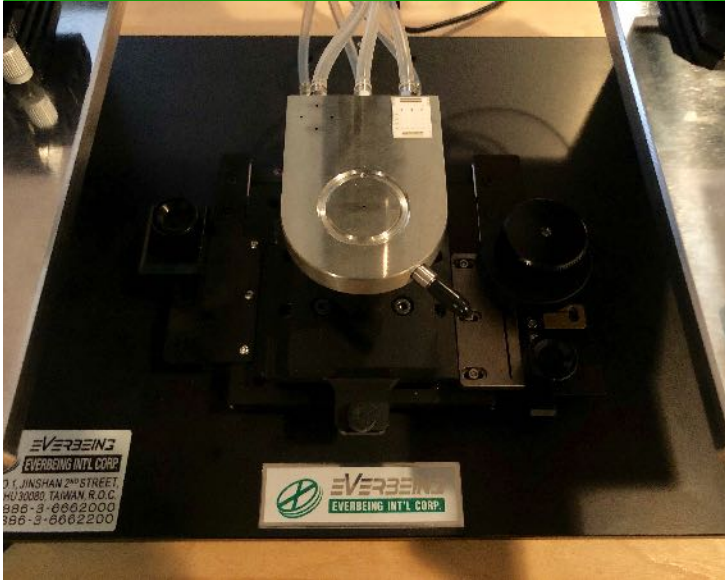
- One-off testing separate from production testing
- Capable up to 4-port measurements @ 70 GHz testing with 2 DC biasing
- 1 μm resolution X-Y-Z linear motion micropositioners with magnet on/off switch

- Special Features

- U-Chuck holds DUT and calibration substrate simultaneously with individual vacuum switches
- Quick Chuck Y-axis slide pin for easy wafer loading
- Quick Chuck Z-axis for contact place and release

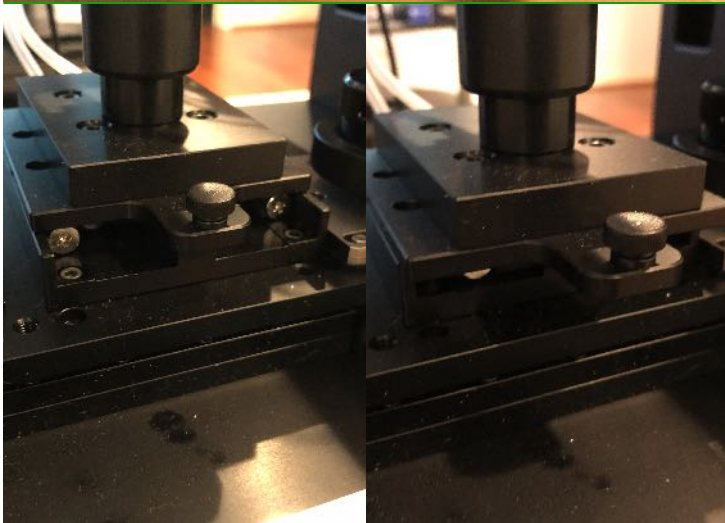
C-2-RF MINI STATION

Features Explained



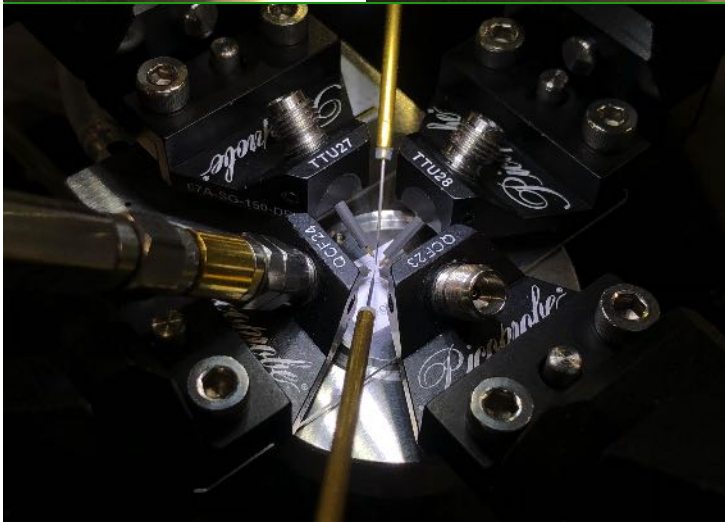
Chuck with Calibration Substrate Access

- Place your 2" diameter or less DUT
- Simultaneously have calibration substrate handy



Quick Chuck Slide

- Allow for quick access of DUT or calibration substrate



Full Four Point with 2 DC Bias

- Image shows full RF setup
- Probes courtesy of GGB Industries. (Model 67A)

C-2-RF MINI STATION

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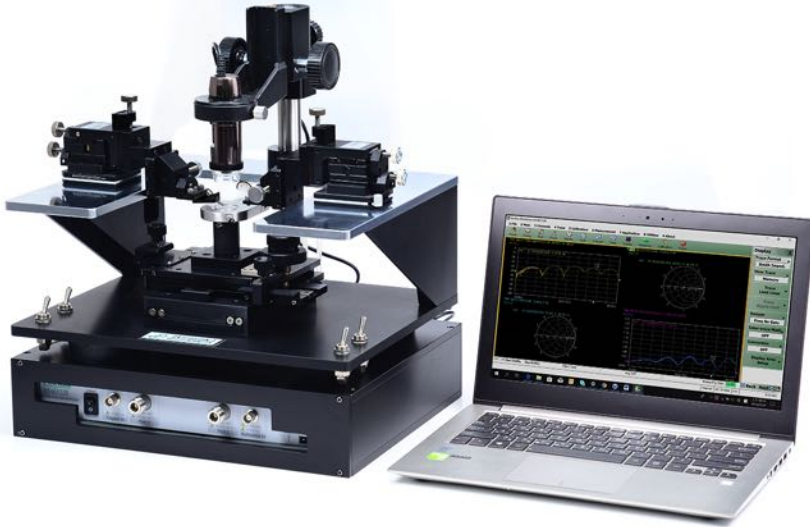
Station Specifications

Station Footprint	360 mm W x 330 mm D
Station Height	170 mm (to Platen)/320 mm (to Microscope)
Station Weight	26 kg
Platen Material	Hard Chrome Plated Steel
Platen Dimension	100 mm Inner, 330 mm Outer
Platen Capacity	8 DC or 4 RF 2 DC
Positioner Mount	Magnetic ON/OFF Switch
No. of Vacuum Switches	2
Vibration Isolation	Passive Honeycomb x4 (2Hz)
Chuck Stage Type	Coaxial
Chuck Travel Range	2" x 2"
Chuck Quick Resolution	25 mm/rev
Chuck Fine Resolution	2 μ m
Chuck Theta Travel	90°
Chuck Z-Motion	4 mm Range
Chuck Movement	Bevelled Gear and Rack 0.8mm Pitch
Chuck Size	2" (50 mm)
Chuck Planarity	3 μ m
Chuck Rigidity	15 μ m / 10 N @ edge
Chuck Vacuum Grooves	Center, 1" (Individually Controlled)
Chuck Isolation	5 G Ω
DUT Size Range	2 mm - 50 mm
Microscope Type	Digital via USB
Microscope Optical Zoom	10x - 150x
Microscope Sensor Resolution	5 MP
Microscope Working Distance	234 mm - 30 mm (10x - 150x)
Micropositioner Resolution	0.8 μ m
Micropositioner Travel Range	12.5 mm X-Y-Z
Micropositioner RF Tilt Resolution	0.5° per step

C-2-RF MINI STATION

VNA Bundle Solution

C-2-RF is the perfect solution to RF probing due to its comprehensive tools in a small footprint. Bundling with a USB VNA can take your testing even further



VNA inside a protective case shown in horizontal placement.



VNA inside a protective case shown in vertical placement.
