EVERBEING INT'L CORP.

Your Partner in Probing Solutions



BD-6 Probe Station

State of the art probe station for all your DC and RF requirements

The BD series is our top of the line probe station. It's features and foundation are solid for providing repeatable, accurate measurements in both DC and RF applications. :

Features

- Large Knob High Precision Stage
- Back-lash free movement
- Mounting for 12 micropositioners
- 4.5" Probe Card Holder compatible
- Platen Height Adjustable
- Micropositioner Standby Dock
- Microscope Tilting for E-Z lens switching

Applications

- Basic IV/CV
- RF, Single Broadband Probing
- High Voltage, High Current

Accessories

- Hot Chuck with Temperature Controller
- Vibration Free Table
- Shielding Box



SSC) 西華産業株式會社

東京都千代田区丸の内3-3-1新東京ビル3F 西華産業株式会社 電子機器部 当製品担当窓口/森本頼子(もりもとよりこ)

TEL: +81-3-5221-7112 morimotoy@jp.seika.com https://www.seika.com/

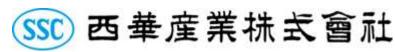


EB-6 PROBE STATION

Your Partner in Probing Solutions

Station Specifications

Station Specifications	
Station Footprint	760 mm W x 660mm D
Station Height	450 mm (to Platen)/700 mm (to Microscope)
Station Weight	80kg
Platen Material	Hard Chrome Plated Steel
Platen Dimension	250 mm Inner, 450mm Outer
Platen Capacity	12 DC or 4 RF 4 DC
Positioner Mount	Magnetic ON/OFF Switch
No. of Vacuum Switches	4
Platen Z-Motion Range	25 mm (Fine), 6 mm (Coarse)
Platen Z-Fine Resolution	1 μm
Platen Z Movement	Gear and Belt (Fine), Lever (Coarse)
Chuck Material	Stainless Steel
Chuck Stage Type	Large Knob Precision Movement
Chuck Travel Range	6" x 6"
Chuck Quick Movement	Quick Y Rail Movement for Easy Sample Loading
Chuck Fine Resolution	1 μm
Chuck Theta Coarse Travel	360°
Chuck Theta Fine Resolution	0.01°
Large Knob Chuck Movement	High Precision Linear Stage
Chuck Size	6" (150 mm)
Chuck Planarity	3 μm
Chuck Rigidity	15 μm / 10 N @ edge
Chuck Vacuum Grooves	Center, 0.5", 1.5", 2.5" (Individually Controlled)
Chuck Bias Capacity	Up to 2 kV
Chuck Isolation	5 GΩ
DUT Size Range	2 mm - 150 mm
Microscope Stage Type	High Precision Linear Stage
Microsope Stage Resolution	1 μm
Microscope Stage Travel Range	2" x 2"
Microscope Tilting (Optional)	35°
Microscope Zoom Range	1x - 5x
Microscope Eye Piece	20x
Microscope Magnification Range	20x-100x





BD-6 PROBE STATION

Micropositioner Options

All micropositioners offer X-Y-Z linear-motion travel with no backlash with mounting options including magnet, vacuum or magnet switch



EB-050

Resolution: 0.8 μm

Screw Resolution: 212 µm

Travel Range: Linear 12 mm X-Y-Z

Dimensions: 52 mm W x 96 mm D x 76 mm H

Weight: 550 g

Use For: DC/RF Capable



EB-700

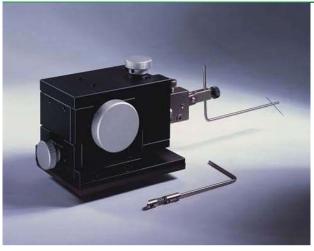
Resolution: 2 μm

Screw Resolution: 630 µm

Travel Range: Linear 12 mm X-Y-Z

Dimensions: 38 mm W x 62 mm D x 45 mm H

Weight: 200 g **Used For: DC Only**



EB-005

Resolution: 0.3 µm

Screw Resolution: 125 µm

Travel Range: Linear 12 mm X-Y-Z

Dimensions: 90 mm W x 130 mm D x 90 mm H

Weight: 1000 g

Used For: DC/RF Capable





BD-6 PROBE STATION

Vibration Free Table Option



VFT-3636

Dimension: 36" W x 36" D x 36" H **Vertical Natural Frequency**: 1.5 Hz **Isolation Efficiency**: @ 5 Hz 85% **Horizontal Natural Frequency**: 1.2 Hz

Isolation Efficiency: @ 5~Hz~91%

Air Requirement: 80 psi

Net Load: 200 kg

Material: Stainless Steel TableTop

SSC 西華産業株式會社

東京都千代田区丸の内3-3-1新東京ビル3F 西華産業株式会社 電子機器部 当製品担当窓口/森本頼子(もりもとよりこ)

TEL: +81-3-5221-7112 morimotoy@jp.seika.com https://www.seika.com/

