

EverBeing Int'l Corp. Catalogue

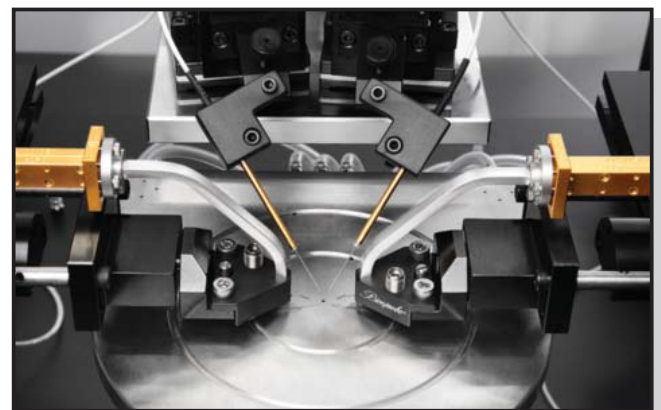
Probing your market with innovative technology



Founded in 1993, **EverBeing Probing Solutions** offer standard or custom made probe stations to meet your budget. Lambda's application engineers can tailor a complete system to meet your needs. **EverBeing** have probe stations for 2" to 8" wafers with hot and cold chuck, matched with a large inventory of micropositioners, probing tips, tip holders, cables, coaxial and triaxial adapters, USB and stereo microscopes. With wafer, organic, cryogenic, LED/LD/PD, RF, mmWave, LCD, Hall Effect probe stations, and 25 years' experience in the probing technology area, **Lambda Photometrics** and **EverBeing** can work with you to cost-effectively realise your measurement solution.

Product lines include:

- RF & mmWave Probe Station
- Custom Built Probe Station
- Wafer Inspection 200x, 400x and 800x
- Surface Resistivity / 4 Point Prober
- Wafer Probe Station
- LCD Probe Station
- LED Probe Station
- LD/PD Probe Station
- PCB Probe Station
- Micropositioner (Micromanipulator)
- Stereo and USB Microscope
- Hot Chuck
- Cold Chuck
- Cryogenics Chuck
- Four Point Probe
- Vibration Free Table
- Shielding Box / Dark Box
- Probing Accessories




Test & Measurement Equipment Specialists

Applications

- Solar cell
- Cryogenics
- Super High Temp
- RF Microwave
- RF DC Bias PGP
- Power Measurement
- Low Current
- Low Capacitance
- High Voltage
- High Current (Power IC)
- AC Signal
- Field Signal
- Pulse IV
- Curved Wafer
- Nano Technology
- Biochips
- Leads of Tiny Packaged IC
- Design House
- Motorised Probing
- Sheet Resistivity
- Hall Effect
- Pressurised Environment
- Light Intensity & Wave Length LED/LD/PD
- Specific Gas Environment
- PCB RF Microwave
- Time Domain Reflectometry (TDR)
- FPC RF Microwave
- Flat Panel Display LCD, OLED
- Flexible AMLCD, AMOLED

	Chuck X-Y Stage	Chuck Up/Down	Platen Lift	Microscope X-Y Travel	Probe Card Holder	Platen Lift	Platen Fine Adjustment
C Series	✓	✓	✗	Optional	✗	✗	✗
EB Series	✓	✓	✗	✓	✓	✗	✗
BD Series	✓	✗	✓	✓	✓	✓	✓
EB mmWave	✓	✓	✗	✓	✗	✗	✗



Picoprobe®
BY GGB INDUSTRIES INC.

GGB Industries, Picoprobe® line of DC to microwave probes have been the first choice for the semiconductor industry. With a line of high impedance trouble shooting probes, precision coaxial microwave probes with 50 ohm coplanar flexible tips and high performance W-band millimetre heads.

Affordable Probe Station

The EverBeing C-2 or C-2-PLUS models are a portable probe station equipped with the same features as EverBeing full-size probe stations. It is ideal for DC and RF applications for samples of 2" or less.

Components such as the raised platen, coaxial X-Y stage and digital microscope mount are included with the system. It is the smallest and most affordable EverBeing probe station.

Features:

- Portable and light
- Affordable price
- Ideal for wafers of less than 2"
- IV/CV measurement applications
- RF probing (East/West/North/South configuration)
- Same coaxial stage as fitted on full size probe stations
- Single knob design for fine and quick positioning as well as X-Y single hand operation
- Low gravity centre for stability
- Fits into glove box

Specifications:

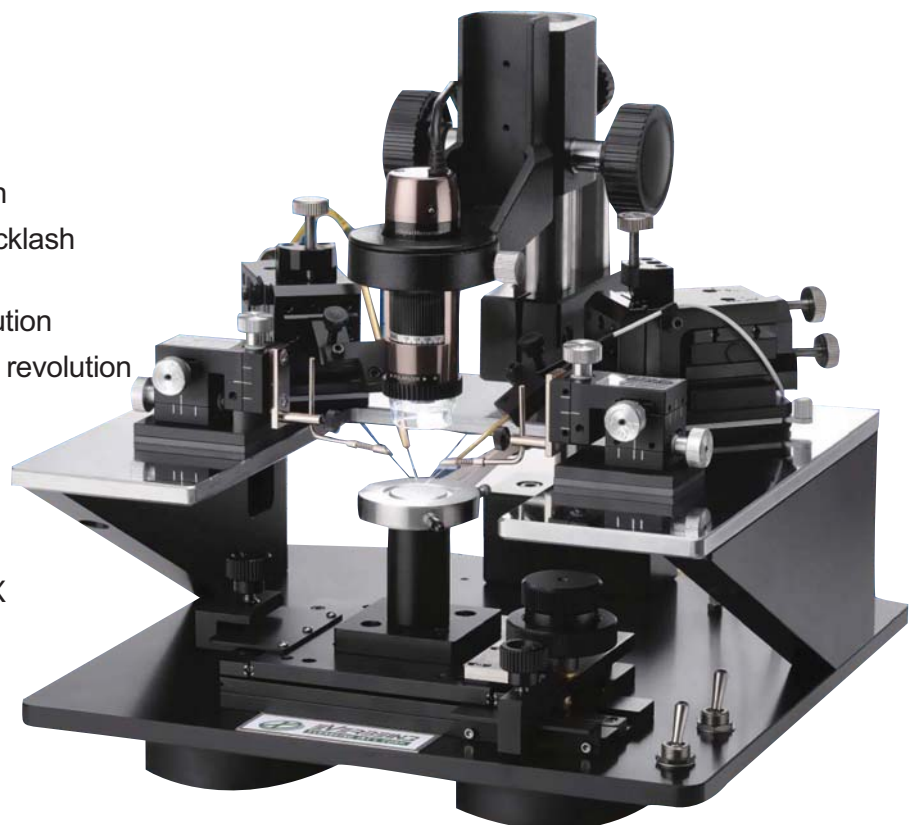
- 2" steel chuck with vacuum switch
- Coaxial stage with 2"-2" linear backlash free travel
- Fine position at ~10 micron resolution
- Quick motion at ~25mm drive per revolution
- Chuck theta at 15° backlash free

Accessories:

- USB digital camera up to 300x magnification
- Monozoom microscope 80-1650X magnification
- RF probe/cables
- Low current/capacitance probe
- High voltage probe

Dimensions:

- C-2 = 320mm W x 320mm D x 320mm H
- C-2-PLUS = 360mm W x 330mm D x 320mm H
- 15kg with digital camera and 4 positioners



EverBeing C Series

Analytical Probe Station

Features:

- 4", 6" & 8" chuck sizes
- Linear X-Y stage, 2"-2", 3"-3", 4"-4"
- Linear backlash free coaxial X-Y stage
- Compact size, lightweight
- Excellent value
- IV/CV measurement applications
- RF probing (East/West configuration)
- Suitable for research & clean room
- Anti-vibration foot mounts
- More stable with lower gravity centre
- One hand grips both X-Y knobs
- One stage for fine and quick positioning

Accessories:

- Microscope stage X-Y stage 2"-2"
- Monozoom microscope 80-1650X magnification
- RF probe/cables
- Fibre optic probing
- Digital camera
- Low current/capacitance probe
- High voltage probe
- Hot chuck
- Vibration free table
- Shielding box/dark enclosure

Specifications:

- Chuck up/down 4mm
- Steel chuck with individual vacuum switches
- Linear backlash free X-Y travel
- Fine position at ~10 micron resolution
- Quick motion ~25mm drive per revolution
- Chuck theta at 15° backlash free
- Hard chrome plated platen

Dimensions:

- C-6 = 515mm W x 410mm D x 550mm H with microscope, 23kg with microscope
- C-4 = 480mm W x 410mm D x 550mm H with microscope, 23kg with microscope



EverBeing EB Series

Analytical Probe Station

Features:

- 4", 6", 8" & 12" chuck
- Coaxial-driven chuck stage
- RF probing field upgradeable
- 20X-4000X magnification
- Backlash free movement
- Choice of microscope (tilt) up/down for E-Z revolving objectives

Specifications:

- 6" stainless steel vacuum chuck
- Chuck stage 6"x6" travel
- Chuck theta 0-30°
- Chuck up/down 4mm adjustable
- 12 micropositioner platen
- 1"x1" travel microscope stage

Dimensions:

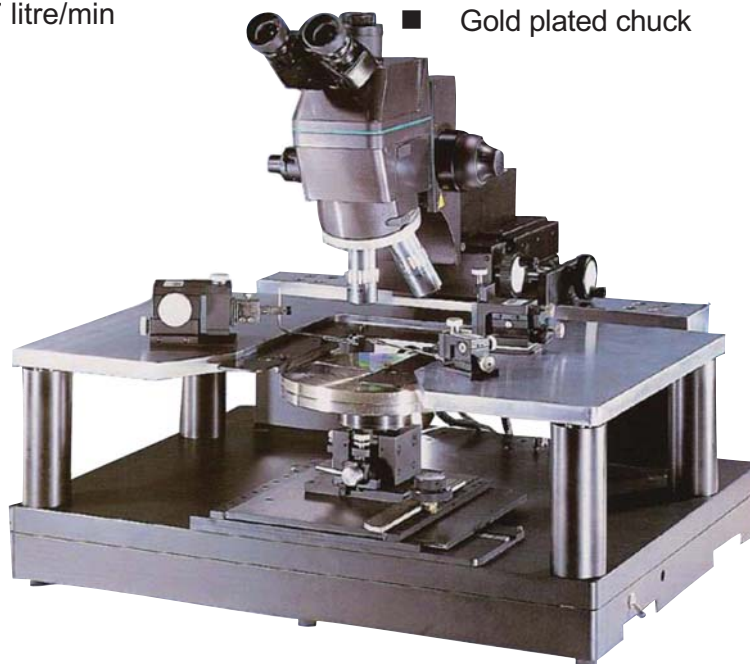
- 660mm W x 660mm D x 700mm H with microscope
- 60kg with microscope

Requirements:

- Electrical 110VAC, 60Hz, 220VAC, 60Hz
- Vacuum -250mm Hg, 7 litre/min

Accessories:

- RF probe/cables
- Active probes
- Low current/capacitance probe
- High voltage probe
- Laser cutter
- Ultrasonic cutter
- CCTV
- Photomicrographics
- Probe card holder
- Packaged device holder
- PCB holder
- Thermal chuck
- Liquid crystal kit
- Vibration free table
- Shielding box
- Test bench
- Instrument case with caster
- Microscope quick lift
- Dark field/normarski inspection
- Chuck vacuum pattern
- Gold plated chuck



EverBeing BD Series

Analytical Probe Station

Features:

- 4", 6", 8" & 12" chuck
- Coaxial-driven chuck stage
- RF probing field upgradeable
- 20X-4000X magnification
- Backlash free movement
- Choice of microscope (tilt) up/down for E-Z revolving objectives

Specifications:

- 6" stainless steel vacuum chuck
- Chuck stage 6"x6" travel
- Chuck theta 0-30°
- Chuck up/down 4mm adjustable
- 12 micropositioner platen
- 1"x1" travel microscope stage

Dimensions:

- 660mm W x 660mm D x 700mm H with microscope
- 60kg with microscope

Requirements:

- Electrical 110VAC, 60Hz, 220VAC, 60Hz
- Vacuum -250mm Hg, 7 litre/min

Accessories:

- RF probe/cables
- Active probes
- Low current/capacitance probe
- High voltage probe
- Laser cutter
- Ultrasonic cutter
- CCTV
- Photomicrographics
- Probe card holder
- Packaged device holder
- PCB holder
- Thermal chuck
- Liquid crystal kit
- Vibration free table
- Shielding box
- Test bench
- Instrument case with caster
- Microscope quick lift
- Dark field/normarski inspection
- Chuck vacuum pattern
- Gold plated chuck



EverBeing C-2-RF

Mini Probe Station

The EverBeing C-2-RF model is the worlds smallest probe station equipped with the same features as EverBeing full-size probe stations. It is ideal for DC and RF applications for samples of 2" or less up to 70GHz.

Components such as the raised platen, coaxial X-Y stage and digital microscope mount are included with the system. It is the smallest and most affordable EverBeing probe station. Suitable for 4 port measurement North, South, East, West plus two DC bias probes.

Features:

- U-chuck holds DUT plus calibration substrate
- Affordable price
- Ideal for wafers of less than 2"
- IV/CV measurement applications
- RF probing (East/West/North/South configuration)
- Same coaxial stage as fitted on full size probe stations
- Single knob design for fine and quick positioning as well as X-Y single hand operation
- Low gravity centre for stability
- Fits into glove box

Specifications:

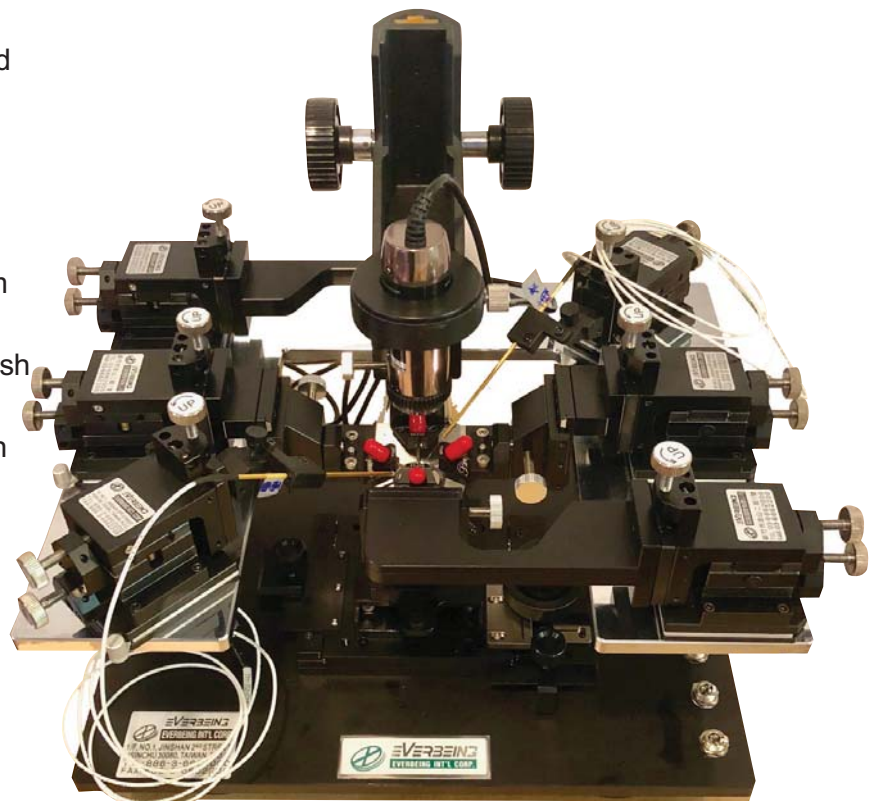
- 2" steel D-shaped chuck with vacuum switch
- Coaxial stage with 2"-2" linear backlash free travel
- Fine position at ~10 micron resolution
- Quick motion at ~25mm drive per revolution
- Chuck theta at 15° backlash free

Accessories:

- Digital camera up to 300x magnification
- RF probe/cables
- Low current/capacitance probe
- High voltage probe

Dimensions:

- 360mm W x 330mm D x 320mm H
- 22kg with digital camera and 4 positioners



EverBeing EB-6A

Millimeter Wave Probe Station

The EB-6A is a proven solution developed closely with Anritsu. The new precision EB-AN-1235 micropositioner has been designed specifically to be used with the Anritsu frequency extender range.

Features:

- Customised positioners specifically designed for Anritsu broadband mmWave modules
- Intergrated heatsink and mount for mmWave modules
- Precise integration allows direct link to probes
- 20X-4000X magnification
- Backlash free movement
- 4.5inch probe card holder compatible
- Double sided mmWave probing option
- Coaxial style high precision stage revolving objectives
- High voltage probe
- Laser cutter
- 4.5inch Probe card holder
- Packaged device holder
- PCB holder
- Thermal chuck
- Vibration free table
- Shielding/dark box
- Instrument case with caster
- Microscope quick lift
- Chuck vacuum pattern
- Gold plated chuck

Specifications:

- 6" stainless steel vacuum chuck
- Chuck stage 6"x6" travel
- Chuck theta 0-30°
- Chuck up/down 4mm adjustable
- 12 DC or 4 RF & 4 DC micropositioner platen

Dimensions:

- 760mm W x 660mm D x 700mm H with microscope
- 80kg with microscope

Accessories:

- RF probe/cables
- Active probes
- Low current/capacitance probe



EverBeing EB-6V

Millimeter Wave Probe Station

The EB-6V is a market proven solution for mmWave research. It has been developed with VDI, OML, Keysight, R&S mmWave Modules. The new precision EB-KRF micropositioner has been designed specifically to be used with all the main manufacturers to precisely position the RF head and module onto the DUT to 0.8µm accuracy.

Features:

- Customised positioners specifically designed for mmWave modules from VDI, OML, Keysight and Rohde & Schwarz
- Intergrated heatsink and mount for mmWave Modules
- Precise integration allows direct link to probes
- 20X-4000X magnification
- Backlash free movement
- 4.5inch probe card holder compatible
- Coaxial style high precision stage
- 4.5inch probe card holder
- Packaged device holder
- PCB holder
- Thermal chuck
- Vibration free table
- Shielding/dark box
- Instrument case with caster
- Microscope quick lift
- Chuck vacuum pattern
- Gold plated chuck

Specifications:

- 6" stainless steel vacuum chuck
- Chuck stage 6"x6" travel
- Chuck theta 0-30°
- Chuck up/down 4mm adjustable
- 12 DC or 4 RF & 4 DC micropositioner platen

Dimensions:

- 760mm W x 660mm D x 700mm H with microscope
- 80kg with microscope

Accessories:

- RF probe/cables
- Active probes
- Low current/capacitance probe
- High voltage probe
- Laser cutter



EverBeing Photonic Series

Photonic/Fibre Optic Probe Station

Features:

- 4", 6" & 8" chuck sizes
- Linear X-Y stage, 2"-2", 3"-3", 4"-4"
- Precision Microscope X-Y stage $\pm 25\text{mm}$
- Flexible positioning of fibre 0 to 90°
- Fibre adjustment X-Y-Z, Theta and Yaw
- Hard chrome plated platen
- Linear backlash free coaxial X-Y stage
- IV/CV measurement applications
- RF probing (East/West configuration)
- Suitable for research & clean room
- Anti-vibration foot mounts
- More stable with lower gravity centre
- One hand grips both X-Y knobs
- One stage for fine and quick positioning

Accessories:

- RF probe/cables
- Low current/capacitance probe
- High voltage probe
- Hot chuck
- Vibration free table
- Shielding box/dark enclosure

Specifications:

- Chuck Theta $>0.01^\circ$ fine adjustment
- Chuck up/down 4mm
- Steel chuck with individual vacuum switches
- Linear backlash free X-Y travel
- Fine position at ~ 10 micron resolution
- Quick motion $\sim 25\text{mm}$ drive per revolution

Dimensions:

- C-6 = 515mm W x 410mm D x 550mm H with microscope, 23kg with microscope
- C-4 = 480mm W x 410mm D x 550mm H with microscope, 23kg with microscope



EverBeing VT Series

Vibration Free Tables

Everbeing can offer 6 models of vibration isolation tables, either table top to sit or a sturdy table for probe station or microscope or compete isolation tables are available to isolate your probe station or any other equipment that needs to be isolated from the ground. Tables can come pre-assembled or for reduced shipping costs as flat pack and take around one hour to build. Lambda are able to offer a range of active air height vibration free air cushions systems in both table and table top formats. Available in 200, 400 and 800Kg loads.

Part No.	Description	Dimension
VT-EB4	Vibration free table for EB-4	
VT-PE4	Vibration free table for PE-4	
VT-3630	Probe station vibration isolation table	36" x 30"
VT-4836	Probe station vibration isolation table	48" x 36"
VT-6036	Probe station vibration isolation table	60" x 36"
VY-7236	Probe station vibration isolation table	72" x 36"



EverBeing Micropositioners

EB Standard Micropositioners

Everbeing Micropositioners are made with highest standards of craftsmanship. All models perform with consistent, repeatable X-Y-Z linear-motion travel. The enhanced EB-050 and EB-005 offer zero backlash. Each micropositioner has different mounting options available. Not all models are compatible with every probe station.



EB-700:

- Resolution: 2 μ m
- Screw Resolution: 630 μ m
- Travel Range: 12mm x 12mm x 12mm
- Dimensions: 38mm x 62mm x 45mm
- Weight: 200g
- Application: DC, Kelvin
- Mount Type: Magnet, Vacuum, Magnet ON/OFF



EB-050:

- Resolution: 0.8 μ m
- Screw Resolution: 317 μ m
- Travel Range: 12mm x 12mm x 12mm
- Dimensions: 52mm x 96mm x 76mm
- Weight: 550g
- Application: DC, Kelvin, RF
- Mount Type: Magnet, Vacuum, Magnet ON/OFF



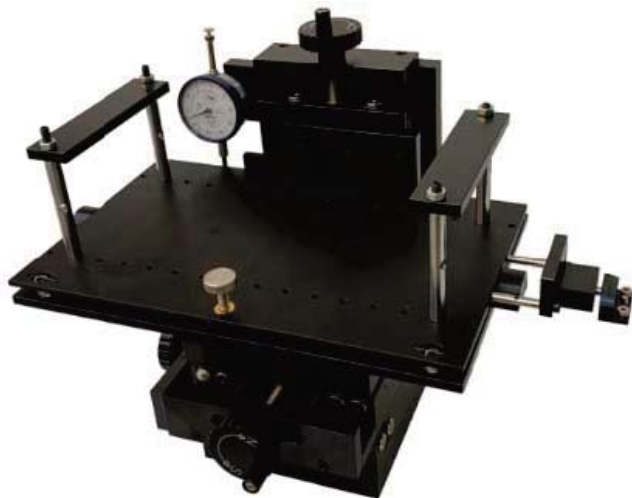
EB-005:

- Resolution: 0.7 μ m / 0.3 μ m
- Screw Resolution: 253 μ m / 125 μ m
- Travel Range: 12mm x 12mm x 12mm
- Dimensions: 90mm x 130mm x 90mm
- Weight: 1000g
- Application: DC, Kelvin, RF
- Mount Type: Magnet, Vacuum, Magnet ON/OFF

EB RF Micropositioners

The Everbeing RF Micropositioners are available in three models to match your RF, mmWave or THz probe heads and Frequency Extender modules.

- EB-005:** RF Micropositioner (GGB Picoprobe)
EB-KR: mmWave Micropositioner (Keysight, VDI, R&S)
EB-AN125: mmWave Micropositioner (Anritsu)



EB-005-RF (EB-005 fitted with RF Probe Arm):

- Resolution: 0.7 μ m(100TPI) / 0.3 μ m (100TPI)
- Screw Resolution: 253 μ m / 125 μ m
- Travel Range: 12mm x 12mm x 12mm
- Dimensions: 90mm x 130mm x 90mm
- Weight: 1200g
- Application: RF available in East-West / North-South
- Magnet, Vacuum, Magnet ON/OFF

EB-KRF:

- Resolution: 1 μ m
- Screw Resolution: 10280 μ m
- Travel Range: 50mm x 50mm x 50mm
- Dimensions: 400mm x 270mm x 340mm
- Weight: 6500g
- Application: DC, RF, mmW
- Mount Type: Screw to Station Base, Optical Table

EB-AN125:

- Resolution: 0.8 μ m
- Screw Resolution: 253 μ m
- Travel Range: 25mm x 25mm x 12mm
- Dimensions: 9110mm x 160mm x 90mm
- Weight: 1400g
- Application: mmW (Anritsu only)
- Mount Type:Screw to Station Platen

EverBeing Accessories

Probe Tips & Holders

Mechanical detail:

Screw-type:

Uses a small screw in a threaded hole to grip the probe tip, which is located at 45°.

Screw-nut type:

Uses a knurled screw to tighten and grip the probe tip, located at 45°.

Spring-type:

Uses a loaded spring to hold the probe tip, when released, the probe tip is 45°.

Tubular type:

Uses a copper tube to hold the probe tip and to make the electrical shielding. There is an insulator between the tip holder tube and the shielding tube. Choose coaxial or triaxial types.

Electrical detail:

All our tip holders are available in three formats:-

Regular tip holder:

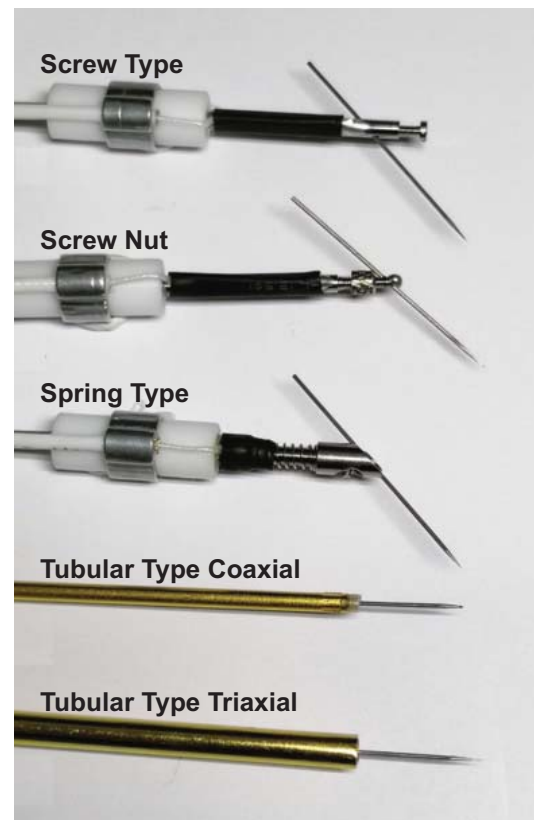
No cable, uses a 2mm banana plug for higher current.

Coaxial tip holder:

Uses a 1.2m coaxial cable, terminated with a BNC male connector. This can measure current levels down to 100pA with good quality shielding.

Triaxial tip holder:

Uses a 1.2m triaxial cable, terminated with triaxial male connector. This can measure current levels down to 10fA with high quality shielding.



Probe Tips (supplied straight or with single/double bend)

Part No.	Description	Material	Box Qty
T20-4	0.4 micron dia. 0.5mm shank 32mm long	Solid Tungsten	5
T20-7	0.7 micron dia. 0.5mm shank 32mm long	Solid Tungsten	10
T20-10	1 micron dia. 0.5mm shank 32mm long	Solid Tungsten	10
T20-50	5 micron dia. 0.5mm shank 32mm long	Solid Tungsten	10
T20-100	10 micron dia. 0.5mm shank 32mm long	Solid Tungsten	10
T20-150	15 micron dia. 0.5mm shank 32mm long	Solid Tungsten	10
T20-200	20 micron dia. 0.5mm shank 32mm long	Solid Tungsten	10
T20-250	25 micron dia. 0.5mm shank 32mm long	Solid Tungsten	10
T20-500	50 micron dia. 0.5mm shank 32mm long	Solid Tungsten	10
T20-1000	100 micron dia. 0.5mm shank 32mm long	Solid Tungsten	10
T20-2000	200 micron dia. 0.5mm shank 32mm long	Solid Tungsten	10
BC20-150	15 micron dia. 0.5mm shank 32mm long	Solid BeCu	10
BC20-250	25 micron dia. 0.5mm shank 32mm long	Solid BeCu	10
BC20-50	5 micron dia. 0.5mm shank 32mm long	Solid BeCu	10
BC20-100	10 micron dia. 0.5mm shank 32mm long	Solid BeCu	10
BC20-150	15 micron dia. 0.5mm shank 32mm long	Solid BeCu	10
BC20-250	25 micron dia. 0.5mm shank 32mm long	Solid BeCu	10
BC20-500	50 micron dia. 0.5mm shank 32mm long	Solid BeCu	10
BC20-1000	100 micron dia. 0.5mm shank 32mm long	Solid BeCu	10
P15-51	200 micron spring loaded tip	Beryllium Copper (BeCu)	5
TW20-4	Cat-whisker 0.4 micron dia. 0.125mm shank 32+5mm	Tungsten Tip	5
TW20-7	Cat-whisker 0.7 micron dia. 0.125mm shank 32+5mm	Tungsten Tip	10

Shielded Box

Our shielding boxes/dark enclosures are an ideal can sit on any table top or be mounted to our anti-vibration tables. Each enclosure has cut-outs for 8 BNC/triaxial feedthru, 1 vacuum valve, 2 empty hole for the valve. The enclosures are available in six sizes from 400x400x400mm to 1200x1200x1200mm.

USB Microscopes and Cameras

Working in conjunction with Dino-Lite we are able to create the best solution to meet your budget. Our standard system allows 140x times magnification which can be enhanced to 400x. We also offer coaxial lighting systems for wafer inspection up to 800x magnification.

EverBeing HT-200

Hot Chuck

Everbeing are able to supply a range of hot chucks to suit your needs, available in 4, 6 and 8 inch chuck sizes and in standard round or optimal square. Available from room temperature to 700 deg C. Supplied with water cooled temperature isolating plate and chuck cooling.

Features:

- Low noise DC powered chuck
- Isolation kit for pico amp measurement
- Cooling buffer to protect stage underneath
- Mountable for most probe station makes
- Transferable type no need for mounting adapter

Specifications:

- 4", 6", 8" dia. x 1" thick vacuum chuck size
- +/-10 micron chuck planarisation
- 4 digits LED readout PID controller
- Temp range RT ~ 200°C
- Temp resolution 0.1°C
- Temp accuracy 100°C +/-0.5°C, 200°C +/- 1°C
- Heating up from 25°C (4" typically in min.) 100°C (2:00), 150°C (3:30) 200°C (5:00)
- DC power to heater
- Stainless steel

Requirements:

- Electrical 110 VAC, 60Hz / 220 VAC, 60Hz
- Power consumption 4" 700W, 6" 1000W, 8" 1500W
- Vacuum -250mm Hg, 7 litre/min
- Tap water 20 litres/min

Dimensions (Controller):

- 350mm W x 300mm D x 150mm H
- Weight 20Kg

Accessories:

- Temp up to 300°C, 400°C, 500°C, 600°C, 700°C
- Temp down to 5°C, -50°C, -65°C or Cryogenics 77°K
- Mounting adapter for other probe station makes
- Square chuck on request
- Better accuracy on request
- Better uniformity on request
- Faster ramping on request
- Water cooling tank
- Isolation kit for low current
- Liquid crystal kit
- Vacuum chamber
- CV measurement enclosure
- Test bench
- Instrument case with caster
- Chuck vacuum pattern
- Gold plated chuck
- Nickel plated chuck



EverBeing Chamber Plus

Environmental Probe Station

A low cost environmental chamber based on the popular EB series probe station. Take your DC and RF measurements further with complete temperature control from 5°C to 400°C (depending on hot chuck model), optional upgrade allows down to -40°C. Nitrogen purge to remove moisture.

Features:

- Highly stable large knob precision stage
- Back-lash free movement
- Mounting for 8 micropositioners
- Micropositioner standby dock

Accessories:

- Hot chuck with temperature controller
- Vibration free table
- Shielding box

Applications:

- Basic IV/CV
- RF, single broadband probing
- High voltage, high current



EverBeing CG-196

Cryogenic Probe Station

The EverBeing CG-196 Cryogenic Probe Station allows probing at cryogenic temperatures where the wafer needs to be inside a vacuum chamber. The Everbeing CG-196 can also handle high temperatures of 400, 500, 600 & 700°C inside the vacuum chamber.

Features:

- Compact size
- Lightweight
- Affordable price
- IV/CV measurement applications
- RF probing (East/West configuration)
- Suitable for university labs
- Ideal for wafer 6" and less
- Coaxial chuck X-Y stage
- Linear backlash free motion
- More stable with lower gravity center
- One hand grips both X-Y knobs
- One stage both for fine and quick positioning

Specifications:

- 6" steel chuck with individual vacuum switches
- 6" or less wafers
- Coaxial chuck X-Y stage
- Linear backlash free travel 6"x6"
- Fine position at ~10 micron resolution
- Quick motion at ~25mm drive per k revolution
- Chuck theta at 15° backlash free
- Rectangular inner shaped platen with chrome plating
- Chuck up/down 4mm

Dimensions:

- 515mm W x 410mm D x 550mm H
- 29kg
- 480mm W x 410mm D x 550mm H
- 25kg

Accessories:

- Option chuck stage 4"x4" travel
- Microscope stage XY stage 2"-2"
- RF probe/cables
- Digital camera
- Low current/capacitance probe
- High voltage probe
- Hot chuck
- Vibration free table
- Shielding box



EverBeing SR Series

Resistivity Four Point Probe Stand

Features:

- True vertical up/down
- Individually contact spring loaded pin
- Constant pin spacing
- Ultimate repeatability
- Probe head E-Z changeover
- Probing Z position adjustable on top
- Sturdy feed thru panel at rear side
- Feedthru choice Banana/BNC/Triaial Female
- Chuck quick move available
- Hot chuck available
- Shielding box available
- 4", 6", 8" Dia. choice
- Other probe heads available

Specifications:

- Chuck 4", 6", 8" dia. Teflon
- Head up/down 10mm
- Probing Z resolution 1 micron
- Probe pin material Tungsten Carbide
- Probe pin spacing 40 mil, 50 mil, 62.5 mil
- Probe pin spring 45g, 85g, 180g
- Probe pin radius 40.6 micron

Applications:

- Sheet resistivity
- Slice resistivity
- Doping quality
- Metallisation thickness
- P/N typing
- V/I measurement

Requirements:

- Current source
- Voltage meter

Dimensions:

- 220mm W x 420mm D x 250mm H
- Weight 20kg

Accessories:

- Hot chucks
- Vacuum chucks
- Chuck quick move available
- Shielding box
- Test bench
- Instrument case with caster



Test & Measurement Equipment Specialists



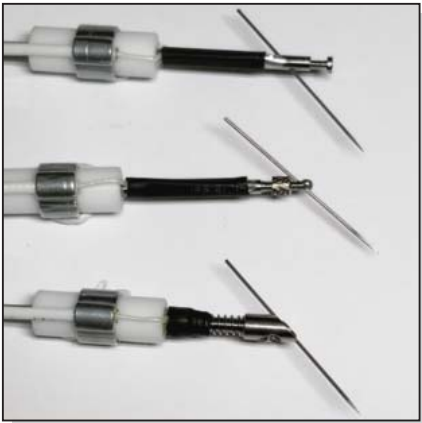
Vacuum Pump



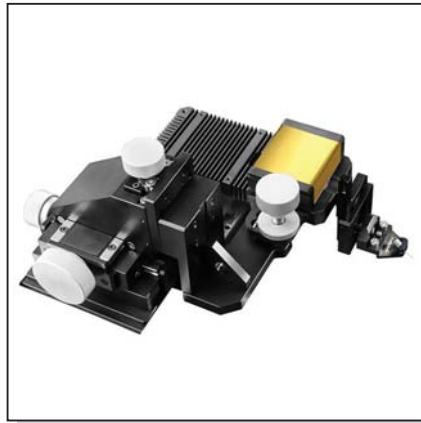
Vibration Table



RF/Triaxial/BNC Adapters



Probe Tips and Tip Holders



mmWave Micro Positioner



Hot Chuck



Shielding Box



USB Microscopes & Cameras



AIM-TTi Source Measure Unit (SMU)