



## CINDBEST CH-8 | 8~12" Comprehensive analysis probe platform system.

### ◆ Features / Applications

- ◆ Supported sample testing within 12 inches
- ◆ Using closed cavity structure to shield external telecommunication interference while keeping samples frost-free at low temperature under positive pressure of nitrogen
- ◆ Optimized cavity insulation structure can greatly reduce liquid nitrogen consumption
- ◆ Elevable adjustment, suitable for installation of probe card
- ◆ Available with multiple types of microscopes
- ◆ Structure modular design, seamless upgrade
- ◆ Probe stations can be customized to customer requirements



### ◆ Specifications

#### Chuck Stage

Model	CT-6/CT-8/CT-12
Diameter	6"/8"/12"
Rotation angle	360-Degree rotation, fine-tuning 15 degrees, accuracy 0.1 degrees, with angle locking device
X-Y travel range	6"*6"/8"*8"/12"* 12"
Moving precision	10μm/1μm



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Sample fixde mode	Vacuum adsorption
U Shape	6~12 Micropositioners available
Platform lift	Fast lift 10mm / fine lift 10mm
Electrical design	Electrical Floating with Banana plug adapter, can be used as a backside electrode
Temperature range	-80° ~400°
Temperature control accuracy	0.01° /0.1° /1°
Weight (about)	120KG/150KG

### Stereo Microscope

Type of microscope	Single tube microscope / body microscope / metallographic microscope
Magnification	16X-200X/20X-4000X
Moving range	Horizontal direction Rotate around the column/ The XY axis moves 4", Z axis stroke 50.8 mm
illuminant	External LED non-polar adjustable brightness ring light source/Coaxial light source
CCD Pixel	200W Pixel / 500W Pixel / 1200W Pixel

### Micropositioner

X-Y-Z Moving range	12mm-12mm-12mm
Mechanical resolution	10um / 2um / 0.7um/0.5um
Adsorption mode	magnetic adsorption/ vacuum adsorption
Cable	Coaxial / Triaxial



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Current leakage accuracy	10pA/100fA/10fA (with Shielding Box)
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Fixed Probe	Spring fixation/Tubular fixation
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Cable connectors	Banana head / Crocodile clip / Coaxial / Triaxial
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Point Radius(in microns)	0.2um/1um/2um/5um/10um/20um
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Needle tip material	Tungsten steel/beryllium copper
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## Optional Accessories

Hot chuck

Display screen

Transposition

RF Testing accessoriess

Shield box

RF Testing

Optical platform

Gold-plated chuck

Light intensity / wavelength testing

High Pressure Test Accessories

Microscope fast tilt device

Laser system

Probe card clamp

Specifications and designs are subject to change without notice.



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## Shenzhen Cindbest Technology Co., Ltd

Add: 8F Weihuada Industrial Park No.5 Lirong Rd Xinshi Com

Dalang St Longhua Dist Shenzhen, China

Tel: 0755-29412885

E-mail: [aldrich@cindbest.com](mailto:aldrich@cindbest.com)