



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

◆ FEATURES / APPLICATION

- ◆ Supported sample testing within 12 inches
- ◆ High precision lead screw drive structure, linear movement
- ◆ Big handle drive, comfortable operation, no return trip design
- ◆ Quick, fine tuning lifting function of needle platform
- ◆ Available with multiple types of microscopes
- ◆ Wafer test, Photoelectric device test, PCB / IC test , RF test, high voltage and high current measurement etc.
- ◆ Structure modular design, seamless upgrade
- ◆ Probe stations can be customized to customer requirements



◆ Specifications

Chuck Stage

Model	CH-8/CH-12
Diameter	8"/12"
Rotation angle	360-Degree rotation, fine-tuning 15 degrees, accuracy 0.1 degrees, with angle locking device
X-Y travel range	8"*8"/12"* 12"



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Moving precision	10 μ m/1 μ m
Sample fixde mode	Vacuum adsorption
U Shape	10 Micropositioners available
Platform lift	Fast lift 6mm / fine lift 25mm
Electrical design	Electrical Floating with Banana plug adapter, can be used as a backside electrode
Dimension	840L*600W*700mmH/950L*700W*700mmH
Weight (about)	100KG/150KG

Stereo Microscope

Type of microscope	Single tube microscope / body microscope / metallographic microscope
Magnification	16X-200X/20X-4000X
Moving range	X-Y axle stroke 2" *2", Z axle 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	10 μ m / 2 μ m / 0.7 μ m/0.5 μ m
Adsorption mode	magnetic adsorption/ vacuum adsorption
Cable	Coaxial / Triaxial
Current leakage accuracy	10pA/100fA/10fA (with Shielding Box)
Fixed Probe	Spring fixation/Tubular fixation



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Cable connectors Banana head / Crocodile clip / Coaxial / Triaxial

Point Radius(in microns) 0.2um/1um/2um/5um/10um/20um

Needle tip material Tungsten steel/beryllium copper

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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