

Various Microscopes and Cameras

Superscope or SlimScope for various magnification requirements.
Cameras with USB, VGA and HDMI interfaces available upon request.

Variety of Probing Options

A wide variety of KeyFactors' micropositioners for probing down to submicron level.
Various probes, holders and cable assys for accurate I-V/C-V, pulsed I-V, RF, mmW and high power measurements.

Application Oriented Chucks

Standard, coaxial or triaxial chucks available.
Calibration chucks available for RF/mmW tests.
Non-thermal or thermal chucks for up to 300 °C.
4 to 8 inch available upon request.
<+/-2.5 micron planarity.

AccuStage

Precise X-Y movement with 25mm travel range and 1 micron resolution.
Air Bearing stage for coarse but smooth X-Y movement. Increase positioning efficiency.
10mm fine Z height adjustment with ease of manipulation.
0~5mm load stroke for contact and separation of probe tips and pads.
Theta rotation 360-degree coarse adjustment and 18-degrees fine adjustment for probes to tips alignment.



Microscope Mounting & Movements

Rigid bridge for SuperScope or SlimScope with precise X-Y-Z movement.
Pneumatic Lift for lens rotation and safety probe replacement.
Coarse lift provides space for various applications of DUTs with different thickness.

Cable Assemblies Management

Organize cables from probes and holders.
Fix cables to avoid damage to fragile probes and DUTs.

Dedicated Probing Platens

Various platen options for DC, RF and mmW tests.

Air Bearing Stage Control

Ergonomic design for ONE hand manipulation of coarse X-Y movements with ease.

Vacuum Control

Independent control for chuck and calibration chuck vacuum.