

XY Piezo Stage Aperture Type

- Precision XY positioning stage
- 50mm x 50mm aperture
- Software available for easy PC control and data acquisition
- RS-232C, GP-IB and USB interface
- Ideal for a wide range of applications



The XY piezo aperture stage provides high-resolution, nano-positioning with a 50mm x 50mm aperture. When used with our FINE controller and your selected software they provide the performance and stability needed by many applications.

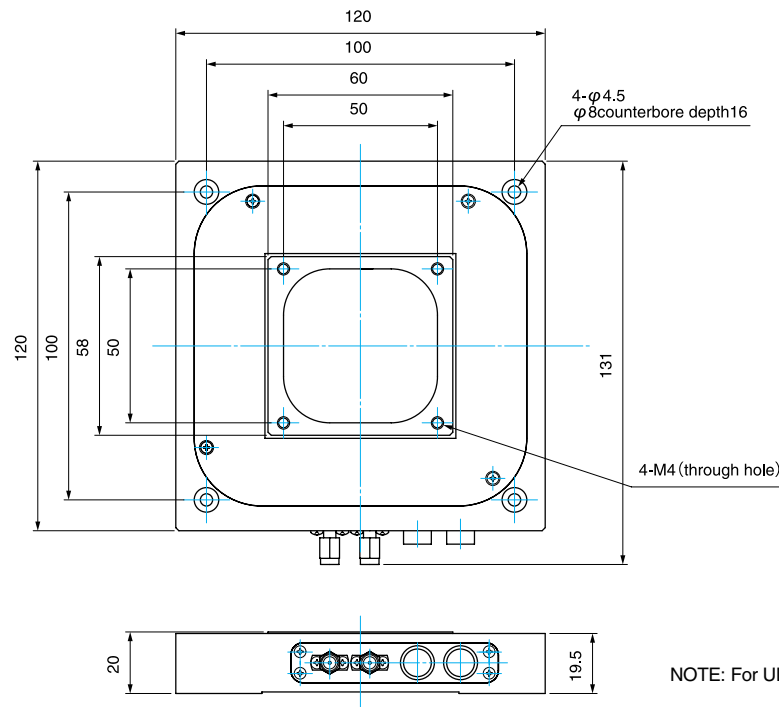
The stage has resolution of less than 1nm and travel up to 100 microns and makes these stages ideal for a wide range of applications. Wide range of applications include: scanning microscopy, metrology, surface structure analysis, semiconductor test equipment, precision mask and wafer alignment, scanning interferometer, imaging, biotechnology systems.

Specifications & Tolerances

Resolution

Closed Loop 10nm
Open Loop ~1nm

Cables: FINE-CA-3, 2 required
DS1-CA-3, 2 required
Open Loop Repeatability: <0.1micron



NOTE: For UL standards, please contact us.

SFS Aperture Stage

Description	Piezo travel	Load Capacity	Axes of travel	Weight (kg)	Price	Model	PART NUMBER
XY open aperture stage	100 ± 15µm	1.5kg	2	1.2kg		SFS-120XY(WA)	510-0120