

NPXY400A

Specifications

Range (µm)	400 x 400
Footprint (mm)	170 x 170 x 30
Aperture (mm)	70 x 70
Material	Aluminum
Max Load (kg)	1

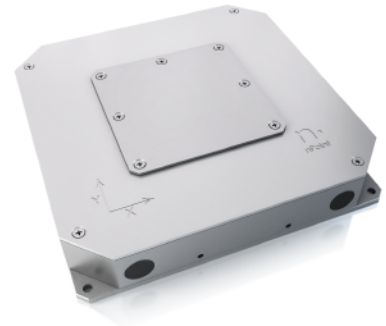
The NPXY400A is a closed-loop XY nanopositioner with 400µm x 400µm range of motion. It has the highest resonant frequency available in the market for products of similar function. Its large aperture allows for easy integration with optical microscopes or any application that requires easy sample access.

	XY
Position Noise (nm)	1.5
Small Signal Settling Time (ms/1µm step)	35
Resonant Frequency (Hz, unloaded, typical)	300
Linearity Error (%)	0.03
Hysteresis (% , typical)	0.05

Part Number 3715132

Application Examples

- Near-Field Scanning Optical Microscopy
- Scanning Probe Microscopy
- Optical Microscopy
- Lithography
- Nanometer-scale Manipulation
- Metrology
- Optical Fiber Alignment



Installation

