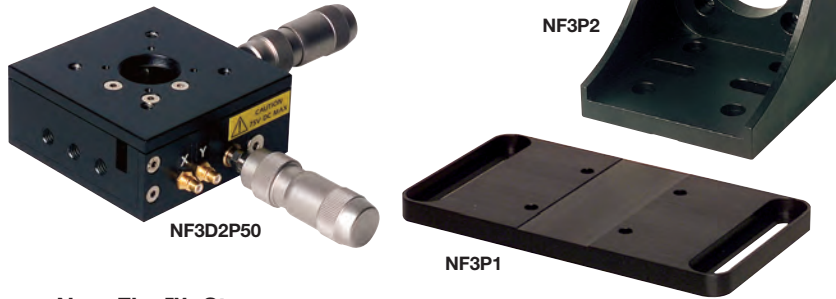


3 mm Travel, NanoFlex™ Stages

NEW
product

The NanoFlex™ NF3D2P50 dual-axis flexure stage provides 3 mm of fine positional adjustment along two orthogonal axes. The flexure design is ideal for building optomechanical assemblies that are free from stiction. The central clear aperture is threaded with a 0.8"-36 TPI RMS thread. Both the top moving platform and fixed bottom surface allow the use of standard microscope objectives via the RMS thread. The piezo-electric elements provide 50 µm of displacement with 50 nm resolution.



2-Axis NanoFlex Specifications

- **Travel:** 0.12" (3 mm)
- **Max Load:** 1.1 lbs (0.5 kg)
- **Drive Type:** Differential Drive
- **Coarse Adjustment Pitch:** 0.5 mm
- **Fine Adjustment Pitch:** 50 µm (300 µm Range)

Piezo Specifications

- **Piezo Travel:** 50 µm
- **Piezo Resolution:** 50 nm
- **Max Piezo Voltage:** 75 VDC

3 mm NanoFlex™ Stages

ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
NF3P1	NF3P1/M	\$ 46.60	£ 32.40	€ 41.40	¥ 393.50	NanoFlex 3 mm Translation Stage Base Plate
NF3P2	NF3P2/M	\$ 94.10	£ 65.30	€ 83.60	¥ 794.60	3mm Translation Stage Angle Bracket
NF3D2P50	NF3D2P50/M	\$ 1,310.00	£ 908.20	€ 1,163.10	¥ 11,062.00	2-Axis Internal Piezos, 3 mm Travel

Please See Our Multi-Axis Platform Chapter for Details on These Specialized Products

See Page 465-512

Multi-Axis Stages

Manual Stages Multi-Axis Platforms

MicroBlock™ 3-Axis Nested Flexure Stage

An innovative flexure design, the MicroBlock™ yields three orthogonal linear translation degrees of freedom without the severe limitations of kinetic or static friction that are found in traditional bearing based stages.

MAX313 3-Axis Parallel Flexure Stage

The MAX313 is the manual version of our NanoMax™ series three-axis platform. It provides an unmatched combination of high stability and high resolution. Each high-precision adjuster is rigidly affixed to the stage base.

Application of a NanoMax™ 600 Series Waveguide Positioner

NanoMax™ 600 6-Axis Waveguide Positioner

A powerful tool for nanopositioning, the NanoMax™ 600 Series offers two innovative features: a common point of rotation and a patented design that fixes all actuators to the base assembly.

Patent 6,186,016 and 6,467,762