

NPZ70A

Specifications

Range (µm)	70
Footprint (mm)	φ20 x 85
Aperture (mm)	-
Material	Super Invar
Max Load (kg)	1

The NPZ70A nanopositioner is a closed-loop z-stage with a scanning range of 70 µm and sub-nanometer resolution. With a resonant frequency of higher than 2 kHz it can scan extremely fast. It is manufactured from Super Invar for excellent thermal stability.

Position Noise (nm)	0.5
Small Signal Settling Time (ms/1µm step)	<5
Resonant Frequency (Hz, unloaded, typical)	2000
Linearity Error (%)	0.03
Hysteresis (% , typical)	0.03

Application Examples

- Disk Drive Testing
- Scanning Probe Microscopy
- Near Field Scanning Optical Microscopy
- Nanometer-scale Manipulation
- Metrology
- Interferometry



Part Number 3715207

Installation

