

NPZ100A

Specifications

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|----------------|--------------------|
| Range (µm) | 100 |
| Footprint (mm) | 83.5 x 83.5 x 27.5 |
| Aperture (mm) | - |
| Material | Aluminum |
| Max Load (kg) | 0.5 |

The NPZ100A is a low profile, one axis Z nanopositioner with 100um range. It can easily integrate with Atomic Force Microscopes to provide large-Z scanning range.

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|--|------|
| Position Noise (nm) | 0.5 |
| Small Signal Settling Time (ms/1µm step) | 10 |
| Resonant Frequency (Hz, unloaded, typical) | 1000 |
| Linearity Error (%) | 0.05 |
| Hysteresis (% , typical) | 0.05 |

Application Examples

- Scanning Probe Microscopy
- Nanometer-scale Manipulation
- Metrology
- Interferometry

Part Number 3715158



Installation

