

nPoint, Inc.

nanopositioning | motion control



NPXY100A

Specifications

Footprint (mm)	100x100x23
Range (μm)	100x100
Aperture (mm)	40
Material	Aluminum
Max Load (kg)	1.0
XY	
Linearity Error (%)	0.03
Hysteresis (%)	0.05
Position Noise (nm)	0.50
Small Signal Settling Time (ms/ $1\mu\text{m}$ step)	15
Resonant Frequency (Hz, unloaded)	700
Rotation Error	
Pitch/Roll ($\mu\text{rad}/\mu\text{m}$)	0.10
Yaw ($\mu\text{rad}/\mu\text{m}$)	0.20
Part Number	3715100

Notes

- AFM Compatability:
 - Dimension 3000
 - Dimension 3100
 - Dimension 5000
 - Q-Scope 250
 - Q-Scope 350
- Controller: **C300 Series**

