

# nPoint, Inc.

nanopositioning | motion control



## NPXY200A

### Specifications

Footprint (mm)	100x100x23
Range ( $\mu\text{m}$ )	200x200
Aperture (mm)	40
Material	Aluminum
Max Load (kg)	1.0
<b>XY</b>	
Linearity Error (%)	0.03
Hysteresis (%)	0.05
Position Noise (nm)	1.00
Small Signal Settling Time (ms/1 $\mu\text{m}$ step)	30
Resonant Frequency (Hz, unloaded)	400
<b>Rotation Error</b>	
Pitch/Roll ( $\mu\text{rad}/\mu\text{m}$ )	0.10
Yaw ( $\mu\text{rad}/\mu\text{m}$ )	0.20
Part Number	3715101

### Notes

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

