

nPoint, Inc.

nanopositioning | motion control



NPXY100VC

Specifications

Footprint (mm)	153x153x26
Range (μm)	100x100
Aperture (mm)	6" Vacuum Plate
Material	Aluminum
Max Load (kg)	1.0
XY	
Linearity Error (%)	0.05
Hysteresis (%)	0.05
Position Noise (nm)	0.60
Small Signal Settling Time (ms/1 μm step)	40
Resonant Frequency (Hz, unloaded)	400
Rotation Error	
Pitch/Roll ($\mu\text{rad}/\mu\text{m}$)	0.10
Yaw ($\mu\text{rad}/\mu\text{m}$)	0.30
Part Number	3715116

Notes

- AFM Compatability:
 - Dimension 3000
 - Dimension 3100
 - Dimension 5000
- Controller: **C300 Series**

