

NP-340 Series

Cryogenic X, Nanopositioner



Description: The NP-340-X is a single axis transverse piezo controlled motor for cryogenic operation.



Technical Specifications:

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|----------------------------------|---|
| Range (mm) | 15 |
| X Motor Capacitance (300K / 4K) | 6 nF / 1 nF |
| Actuation | Shear PZT Ceramic |
| Drive Amplitude (Volts; bipolar) | +/-10 to +/-300 |
| Drive Frequency (Hz) | 10 to 2000 |
| Materials | Ti (CP), BeCu, PZT Ceramic |
| Magnetization | < 10 nT |
| UHV Compatibility | To 1.0×10^{-11} mBar |
| Bakeout | To 120°C |
| Interface | Touchscreen; specify voltage, frequency, no. steps, axis select |

