

$\theta_x \theta_y$ axis | N25.T6K

Piezo Motor Tilt Platform



Characteristics >>

- Light height 11.5mm
- Deflection range $\pm 3^\circ$ /axis
- For dia. 12.7mm mirror
- Speed up to 25mrad/s
- Low hysteresis

Applications >>

- Micro-/Nano Technology
- Bio Technology
- Microscopy
- Telecommunication
- Metrology
- R&D

Introduction

T25 piezo motor tilt platform is a piezo motor direct-driven by piezo ceramics. It uses special mechanical structure design to convert linear microdisplacement generated by piezo ceramics into macro-angle rotation motion of mechanical platform. It has 360° rotary motion and has ultra-high rotation resolution.



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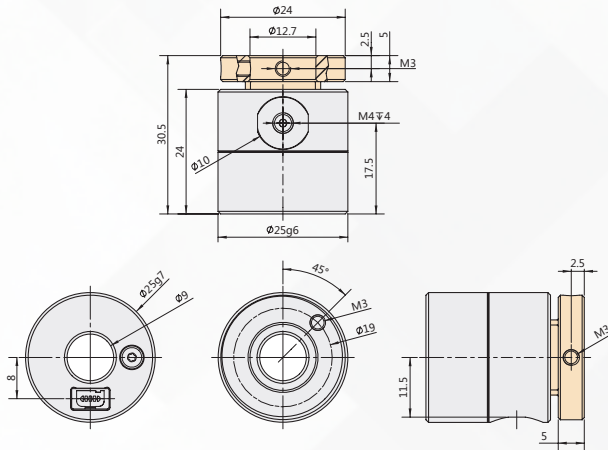
Technical Data >>

Type	N25.T6K	Units
Active axes	θ_x, θ_y	
Deflection angle	$6/\pm 3$	°
Speed	25	mrad/s
Mirror mount	$\varnothing 12.7$	mm
Transmittance aperture	9	mm
Dimensions (diameter×height)	25×30.5	mm
Mass	46	g
Load capacity	100	g
Single step	14	μrad
1/16 step (U30 controller)	1	μrad
1/64 step (F30 controller)	0.3	μrad
1/2 step	7	μrad
Double steps	28	μrad
Recommended controller	E53.C1K-J	

Optional Vacuum Version >>



Drawing >>



Recommended Controllers >>



E53.C4K
4 control interfaces, digital control
USB and serial port communication



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