

ANSxy100std/UHV xy-Scanner made from Titanium

1005217

Technical Specifications

Size and Dimensions	
footprint; height	24 mm x 24 mm; 10 mm
maximum installation space	24 mm x 24 mm; 10 mm
weight	18 g
Materials	
positioner body	titanium
actuator	PZT ceramics
connecting wires	insulated twisted pair, copper
Fine Positioning Mode	
fine linear positioning range @ 300 K	40 x 40 μm
fine linear positioning range @ 4 K	9 x 9 μm
fine positioning resolution	sub-nm
typical actuator capacitance fine @ 300 K	0.6 μF
input DC voltage range @ 300 K	0 - 120 V
*	scan range depends on environment
Load (@ ambient conditions)	
maximum load	100 g
General Specifications	
environment	/UHV

