

# ANSxy100lr/UHV xy-Scanner made from Titanium

1000674

## 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
Coarse Positioning Mode	
input voltage range	0 - 60 V
Fine Positioning Mode	
fine linear positioning range @ 300 K	50 x 50 $\mu$ m
fine positioning resolution	sub-nm
typical actuator capacitance fine @ 300 K	5.55 $\mu$ F
input DC voltage range @ 300 K	0 - 60 V
Load (@ ambient conditions)	
maximum load	100 g

