

XYZ Piezo Scanner — S100.XYZ.C.P

Ultra Compact XYZ Stack System

- ➔ Feature
- Piezo Stack Driving
 - Direct Metrology
 - Flexure Guiding
 - Sub-nanometer Resolution
 - CAP Sensor, Close-loop Control
 - Parallel Motion

➔ Photo & Drawing



➔ Specification

S100.XYZ.C.P

1	Optional	.NM, Non-magnetic; .HV, High Vacuum Version; .UHV, Ultra High Vacuum Version;
2	Motion Direction	X, Y, Z
3	Footprint × Height	40 × 40 × 40 mm
4	Material	Aluminum, Stainless Steel
5	Travel Range (Close-loop X/Y/Z)	100 × 100 × 100 μm
6	Linearity	0.03%
7	Resolution (Close-loop)	1 nm
8	Repeatability (X/Y/Z)	10 nm
9	Resonant Frequency (X/Y/Z no load)	700 / 700 / 700 Hz
10	Max. Payload	200g
11	Sensor Type	Capacitive
12	Driving Voltage	Max. 150 V
13	Working Temperature	15 ~ 40 °C
15	Cable	D-Sub 3W3
16	Controller	MC-Archimedes.N

* For detail drawing and 3D model please contact us.