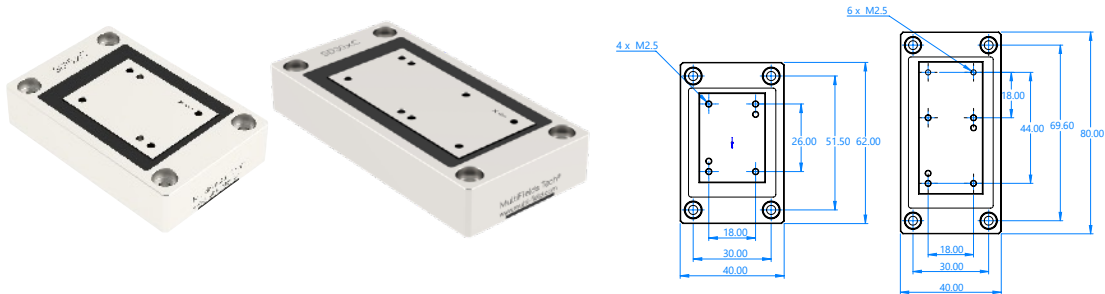


X Piezo Scanner — SD15/30.X.C

Standard Single Axis Piezo Scanner Module, High Dynamic

- ➔ Feature
- Piezo Stack Driving
 - Direct Metrology
 - Flexure Guiding
 - Sub-nanometer Resolution
 - CAP Sensor, Close-loop Control
 - ms Response Time

➔ Photo & Drawing



➔ Specification

SD15.X.C

SD30.X.C

		.NM, Non-magnetic; .HV, High Vacuum Version; .UHV, Ultra High Vacuum Version;	
1	Optional		
2	Motion Direction	X	
3	Footprint × Height	62 × 40 × 13.5 mm	80 × 40 × 13.5 mm
4	Material	Stainless Steel	
5	Travel Range (Close-loop)	15 μm	30 μm
6	Resolution (Close-loop)	0.1 nm	0.2 nm
7	Repeatability	2 nm	4 nm
8	Linearity	0.03%	
9	Pitch/Yaw	2 μrad	
10	Resonant Frequency	3.3 kHz	2.2 kHz
11	Resonant Frequency (300 g load)	1 kHz	0.625 kHz
12	Stiffness	28 N/μm	18 N/μm
13	Sensor Type	Capacitive	
14	Working Temperature	15 ~ 40 °C	
15	Mass	250 g	350 g
16	Cable	D-Sub 3W3	
17	Controller	MC-Archimedes.N	

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