

Piezo·XYZ scanner– SH30.xyz.C

RT-piezo scanning motion solution- high load "SH Series"

High load (10 kg),XYZ scanning motion

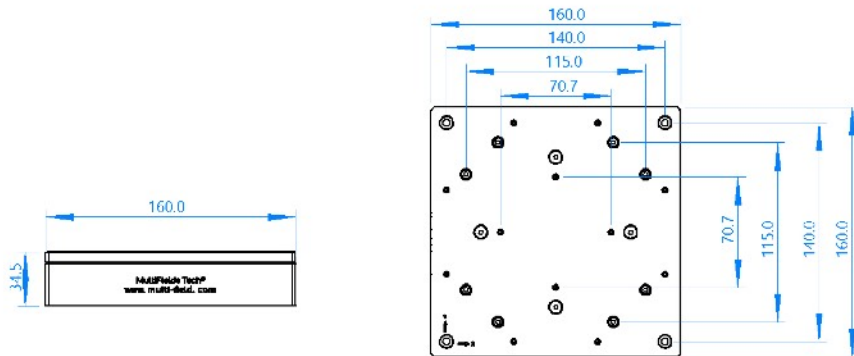


SH30.xyz.0 /C

Feature

- Travel range in X,Y,Z : 30 um x 30 um x 15 um;
- Size: 160 mm x 160 mm x 35 mm;
- Close loop resolution < 0.3 nm;
- Max Load 10 kg;
- Support Options:high vacuum (.HV) & ultra- high vacuum (.UHV)

2D·Drawinas



SH30.xyz.C-Specification

Optional Versions ⇨	SH30.xyz.C / .0	
	.HV, high vacuum compatible; .UHV, ultra-high vacuum compatible; .O open loop .C Capactive Sensor	
Basic		
1	Direction of movement	X ,Y ,Z direction
2	Footprint, hight	160 mm x 160 mm x 35 mm
3	Mainbody Materials	Stainless
4	Travel Range	30 um x 30 um x 15 um
Motion		
5	Resolution	0.1 nm(open loop) 0.3 nm (close loop)
6	Resonance Frequency (unloaded)	500 Hz
7	Max Load	10 kg
8	Max Operating Voltage	150 V
Additional		
9	Operating temperature range	-20 ~ 80 °C
10	Weight	4 kg
11	Cable Length	1 m / D-Sub 3W3 Connectors

Piezoelectric Motion - RT

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