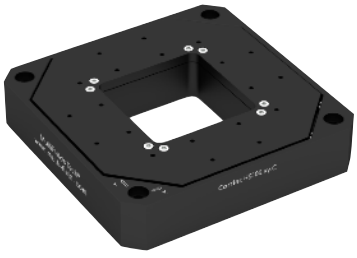


Travel Range – 200 µm	Travel Range – 300 µm
Carrier.S200.Z.C 200 µm	
Carrier.S200.XY.C 200 µm, 200 µm	
Carrier.S200.XYZ.C 200 µm, 200 µm, 200 µm	Carrier.S300.XYZ.C 300 µm, 300 µm, 300 µm
Carrier.S200.XYRz.C 200 µm, 200 µm, ± 2 mrad	
Carrier.S200.ZTxTy.C 200 µm, ±2 mrad, ±2 mrad	
Carrier.S200.XYZTxTyRz.C 200 µm, 200 µm, 200 µm, ± 2 mrad, ± 2 mrad, ± 2 mrad	

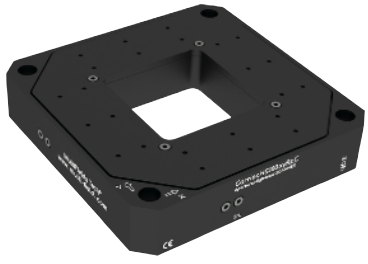
XYRz Piezo Scanner — Carrier.S100.XYRz.C

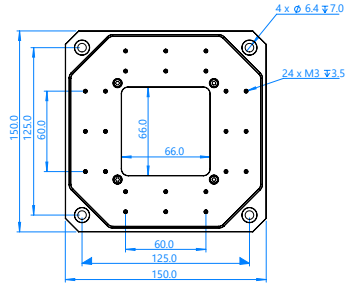
Versatile, High Performance, Clear Aperture, XY and Rz Motion

➡ Feature

- Piezo Stack Driving
- Flexure Guiding
- CAP Sensor, Close-loop Control
- Direct Metrology
- Nanometer Resolution

➡ Photo & Drawing





➡ Specification		Carrier.S100.XYRz.C	Carrier.S200.XYRz.C
1	Optional	.NM, Non-magnetic; .HV, High Vacuum Version; .UHV, Ultra High Vacuum Version;	
2	Motion Direction	X, Y, θz	
3	Footprint × Height	150 × 150 × 30 mm	
4	Material	Aluminum, Stainless Steel	
5	Travel Range (X, Y, θz)	100 μm, 100 μm, ±1 mard	200 μm, 200 μm, ±2 mard
6	Aperture	66 × 66 mm	
7	Linearity (Z)	0.03%	
8	Resolution (Close-loop/Open-loop)	1 nm / 0.3 nm	2 nm / 0.5 nm
9	Repeatability	10 nm	10 nm
10	Stiffness	2 N/μm	1 N/μm
11	Resonant Frequency (no load / 2.5 kg)	420 / 130 Hz	340 / 100 Hz
12	Max. Payload	5 kg	
13	Sensor Type	Capacitive	
14	Driving Voltage	Max. 150 V	
15	Working Temperature	15 ~ 40 ˚C	
16	Controller	MC-Archimedes.N	

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