

Carrier series combination for microscopy

Sample Position, Objective Focus, Photon Laser Scan



➔ Specification

1	Combination (top-down)	Carrier.OB400.C Carrier.SL200.XYZ.C Carrier.L1010s.XY
2	Motion Direction	XYZ
3	Coarse Travel Range	100 × 100 mm (XY, Carrier.L1010s.XY)
4	Fine Scanning Range	200 × 200 × 200 μm (XYZ, Carrier.SL200.XYZ.C)
5	Objective Focusing Range	400 μm (Z, Carrier.OB400.C)
6	Minimum Incremental Motion (Close-loop)	10 nm (XY, Carrier.L1010s.XY)
7	Fine Scanning Resolution (Close-loop)	2 nm (XYZ, Carrier.SL200.XYZ.C)

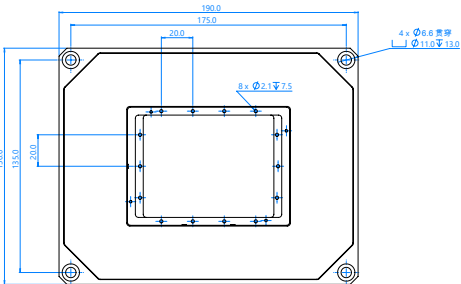
* For detail drawing and 3D model please contact us.

XY Piezo Scanner — Carrier.SL200.XY/XYZ.C

Large Clear Aperture, XY Motion, Low Profile

- ➔ Feature
- Piezo Stack Driving
 - Flexure Guiding
 - CAP Sensor, Close-loop Control
- Nanometer Resolution
 - For High Resolution Microscopy
- Combination with Long Travel Range Piezo Motor Stage

➔ Photo & Drawing



➔ Specification

Carrier.SL200.XY.C

Carrier.SL200.XYZ.C

1	Optional	.NM, Non-magnetic; .HV, High Vacuum Version; .UHV, Ultra High Vacuum Version;	
2	Motion Direction	XY	XYZ
3	Footprint × Height	182 × 150 × 19.5 mm	190 × 150 × 19.5 mm
4	Material	Aluminum, Stainless Steel	
5	Travel Range	200 × 200 μm	200 × 200 × 200 μm
6	Aperture	77 × 65 mm	77 × 65 mm
7	Resolution	2 nm	
8	Repeatability	10 nm	
9	Linearity	0.03%	
10	Max. Payload	500 g	
11	Sensor Type	Capacitive	
12	Driving Voltage	Max. 150 V	
13	Working Temperature	15 ~ 40 °C	
14	Combination	Compatible with Carrier.L7550.XY	
15	Controller	MC-Archimedes.N	

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