

Carrier.OB Series

Objective Focusing & Scanning

Travel Range up to 400 μm , High Dynamic optional, High Load above 10 kg available, Z and XY types

	Travel Range	Product Code
	100 μm	Carrier.OB100.C
	200 μm	Carrier.OB200.C
	400 μm	Carrier.OB400.C
	100 μm (High Load)	Carrier.OBHL100.C
	200 $\times$ 200 μm	Carrier.OB200.XY.C

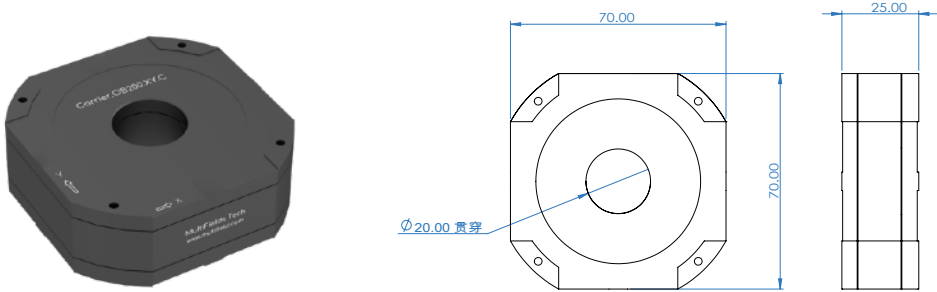
* Non-magnetic, Ultra High Vacuum Versions available

Objective XY Scanner — Carrier.OB200.XY.C

For Optical Microscopy

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

➔ Photo & Drawing



➔ Specification

Carrier.OB200.XY.C

1	Optional	.NM, Non-magnetic; .UHV, Ultra High Vacuum Version;
2	Motion Direction	XY
3	Footprint × Height	70 × 70 × 25 mm
4	Material	Aluminum, Stainless Steel
5	Travel Range	200 × 200 μm
6	Clear Aperture	20 mm
7	Resolution (Close-loop)	2 nm
8	Repeatability	10 nm
9	Linearity	0.03%
10	Resonant Frequency (no load)	350 Hz
11	Max. Payload	500 g
12	Sensor Type	Capacitive
13	Driving Voltage	Max. 150 V
14	Working Temperature	15 ~ 40 °C
15	Mass	280 g
16	Controller	MC-Archimedes.N

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

