



### SOM-MS-180150M

The SOM-MS-180150M is a microscope stage with electromagnetic drives. With 124 mm on the X-axis and 101 mm on the Y-axis, the SOM-MS-180150M offers a large enough travel range to enable working with sample holders such as multiwell plates, petri dishes or glass slides. Based on the technology of our MLS direct-drives, the SOM-MS-180150M offers nanometer-level precision and highest closed-loop repeatability. The stage has a length of 300 mm, a width 230 mm, and a height of 35 mm. Despite its compact size the stage is designed for inverted microscopes. Travel X: 124 mm Travel Y: 101 mm Dimensions: 300 x 230 x 35 mm

	Mechanical
Travel [mm]	124 (X); 101 (Y)
Continuous Force [N]	8
Max. Normal Force [N]	50
Dimensions [mm]	300 x 230 x 35
Weight [g]	4700
	Closed-Loop
In-Position Stability [nm]	5
Uni-Directional Repeatability MCS2 [nm]	±120 (X); ±60 (Y)
	Options
Material Options	Aluminum base as standard; Black anodized (-BK)
	Accessories
Compatibility	SOM-AP-01,-02,-03,-04