

MALiS Multi Adaptive Lifting System for Custom Platforms

Specifications	XY	Z
Travel range	70 × 70 mm	100 mm
Height of the sample stage ¹	225–325 mm, expandable if required	
Travel speed	max. 100 mm/s	max. 14 mm/s
Ball screw pitch	2 mm	0.79 mm
Accuracy ^{2,3}	±1 µm	±2 µm
Repeatability ²	< 1 µm	
Resolution ⁴	0.05 µm	
Motor type	2-phase stepper motor	
Measuring system	optical	
Limit switches	wear-free Hall sensors	
Material/surface	aluminium, anodic coating, black lacquered	
Worktop	wear-free CERASIST® surface	
Load	30 kg	
Weight	approx. 16 kg	approx. 11 kg

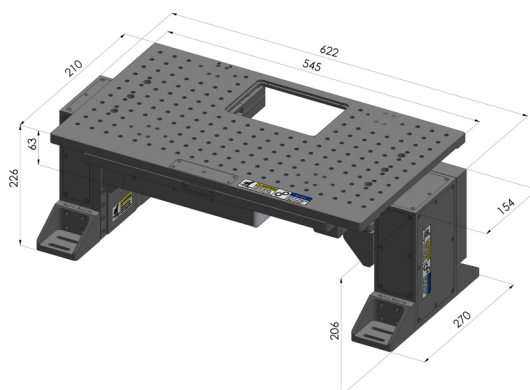
Order Information

MALiS
 Order No.: 00-1547-0405-0000
 SCAN^{plus} 70 × 70
 Order No.: 00-5524-0302-0000

Product Features

- ▶ developed for customer-specific platforms, prepared for mounting on optical breadboards
- ▶ integrated optical measuring systems in all axes ensure high-precision synchronous Z-movement
- ▶ individually configurable presets for reaching the Z position at the touch of a button
- ▶ integrated TANGO integrale for Z-axis control enables autonomous Z-movement via joystick or control panel
- ▶ load capacity up to 30 kg
- ▶ individually configurable with alternative XY positioning systems, perforated plates or customer-specific components

Dimensions



Accessories

For suitable accessories please visit:
www.marzhauser.com