

Scanning Stage SCAN IM 120 × 80 for Nikon Eclipse MA100N

Specifications

Travel range	120 × 80 mm or 40 × 40 mm ¹
Travel speed	max. 120 mm/s
Ball screw pitch	2 mm
Repeatability	< 1 µm (bidirectional) ²
Accuracy	±3 µm ²
Resolution	0.01 µm (smallest step size)
Orthogonality	≤ 5 arcsec
Motor type	2-phase stepper motor
Limit switches	wear-free Hall sensors
Material / surface	aluminium / anodic coating, black lacquered
Weight	approx. 5 kg

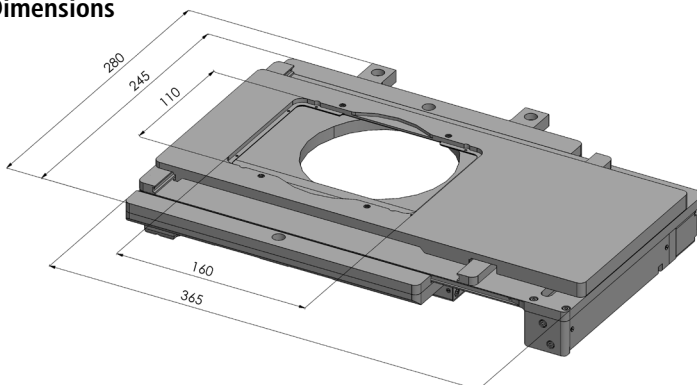
Order Information

Order No.: 45-24-588-0000

Product Features

- ▶ for material applications
- ▶ flat, ergonomic design
- ▶ plain surface for easy cleaning
- ▶ stationary connecting cables between scanning stage and controller
- ▶ compatible with NIS-Elements in connection with the TANGO controller
- ▶ compatible with original Nikon specimen holders Ø 108 mm
- ▶ integrated electronic stage identification device ETS for automatic identification of the scanning stage and parametrization of the controller
- ▶ **5 years guarantee**, if the scanning stage is operated in the system with the Märzhäuser TANGO controller

Dimensions



Accessories

Stage insert 160 × 110 × 3 mm (suitable for Nikon specimen holders Ø 108 mm), Order No.: 00-24-595-0013

Stage inlays with inner diameter Ø 30 mm, Order No.: 00-0029-0595-2010
 Ø 40 mm, Order No.: 00-0029-0595-2020