

Märzhäuser Wetzlar GmbH & Co. KG

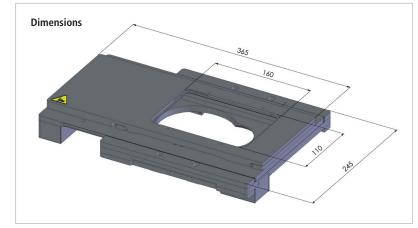
In der Murch 15 | 35579 Wetzlar | Germany Tel.: +49 6441 9116-0 | Fax: +49 6441 9116-40 info@marzhauser.com | www.marzhauser.com



Scanning Stage SCAN^{plus} IM 120 × 80 for Olympus IX53 / IX73 / IX83

Specifications

Travel range	max. 120 × 80 mm	
Travel speed	max. 120 mm/s (with 2 mm ball screw pitch)	
Repeatability ¹	0.2 μm (unidirectional)	1 μm (bidirectional)
Accuracy ¹	±1 μm	
Resolution	0.05 μm (smallest step size)	
Orthogonality	< 10 arcsec	
Motor	2-phase stepper motor	
Limit switches	wear-free Hall sensors	
Material / surface	aluminium / anodic coating, black lacquered	
Weight	approx. 4.7 kg	



Order Information

Order No.: 48-24-581-0000

Product Features

- integrated linear measuring systems for highest accuracy
- flat, ergonomic design with rounded corners
- plain surface for easy cleaning
- stationary connecting cables between scanning stage and controller
- integrated electronic stage identification device ETS for automatic identification of the scanning stage and parametrization of the controller
- applicable for IX3 systems with DICTA module
- **5 years guarantee**, if the scanning stage is operated in the system with the Märzhäuser TANGO controller

Accessories

Piezo Z-stage Order No.: 00-55-550-0800

Various stage inserts with dimensions $160 \times 110 \times 8 \text{ mm}$

For further accessories please visit: <u>www.marzhauser.com</u>

