**Applicable
for IX3 systems
with DICTA module!**

Stage insert
not included in delivery

# Scanning Stage SCAN 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] | ±3 µm | |
| Resolution | 0.01 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. 4.6 kg | |

**Dimensions**



## Order Information

Order No.: 48-24-580-0000

## Product Features

- ▶ 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
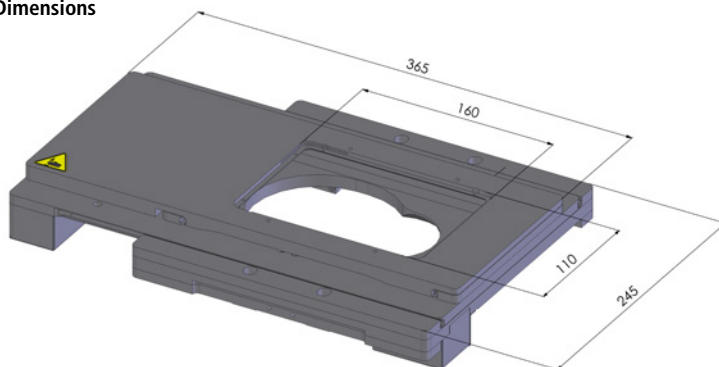
## Accessories

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

Various stage inserts
with dimensions 160 × 110 × 8 mm

For further accessories please visit:
www.marzhauser.com

Specifications are subject to change without notice.
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