



▶ **Scanning Stage SCAN IM 120 x 80** for Olympus IX51 / IX71 / IX81

<b>Travel range:</b>	120 x 80 mm
<b>Repeatability:</b>	< 1 µm (bi-directional, measured according to VDI / DGQ 3441)
<b>Accuracy:</b>	+/- 3 µm (measured according to VDI / DGQ 3441)
<b>Resolution:</b>	0,01 µm (smallest step size)
<b>Orthogonality:</b>	< 10 arc sec
<b>Motor:</b>	2-phase stepper motor
<b>Max. travel speed:</b>	60 mm/s, with 1 mm ball screw pitch 120 mm/s, with 2 mm ball screw pitch
<b>Limit switches:</b>	mechanical limit switches
<b>Material:</b>	aluminium
<b>Surface:</b>	anodic coating, black laquered
<b>Weight:</b>	4,700 g

**Order Information**

Order No.: 00-24-565-0000, 1 mm ball screw pitch  
Order No.: 00-24-566-0000, 2 mm ball screw pitch

**Product Features**

- ▶ flat, ergonomic design with rounded corners
- ▶ closed surface without any objectable edges for easy cleaning and disinfection
- ▶ stationary connecting cables between controller and scanning stage
- ▶ compatible with Olympus ZDC and (F)RFACA
- ▶ **5 years guarantee**, if the scanning stage is operated in the system with the Märzhäuser TANGO controller!
- ▶ The integrated electronic stage identification device ETS enables automatic identification of the scanning stage as well as the parametrization of the controller.

**Accessories**

Stage insert for 1 slide 3" x 1"  
(included in delivery)  
Order No.: 00-29-411-8010

For further accessories please refer to:  
[www.marzhauser.com](http://www.marzhauser.com)

