

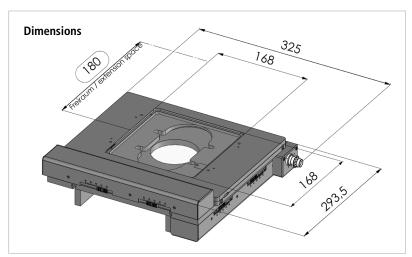


Tel: 0755-84870203 www.highlightoptics.com E-mail: sales@highlightoptics.com



## Scanning Stage SCAN 150 × 150 for Upright Microscopes

Specifications	
Travel range	max. 150 × 150 mm
Travel speed	max. 120 mm/s (with 2 mm ball screw pitch) max. 240 mm/s (with 4 mm ball screw pitch)
Repeatability	≤ 0.2 µm ¹
Accuracy	±3 μm ²
Resolution	0.01 µm (smallest step size)
Orthogonality	< 10 arcsec
Motor type	2-phase stepper motor
Limit switches	continuously adjustable optical light barriers
Material / surface	aluminium / anodic coating, black laquered
Weight	approx. 6.2 kg



## **Order Information**

Order No.: 00-24-633-0000 (2 mm) Order No.: 00-24-634-0000 (4 mm)

## **Product Features**

- flat, ergonomic design with rounded
- plain surface for easy cleaning
- exchangeable stage inserts for different kinds of applications
- continuously adjustable optical light barriers for individual travel range limitation
- 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

## **Accessories**

Glass plate (included in delivery) Order No.: 00-24-601-0810

Metal plate

Order No.: 00-24-601-0011

Wafer holder, rotatable, for 5" – 6" wafer

Order No.: 00-29-640-8000 Vacuum wafer holder, rotatable, for 5" – 6" wafer

Order No.: 00-29-650-8000

For further accessories please visit:

www.marzhauser.com



<sup>1</sup> unidirectional, measured along the whole travel range <sup>2</sup> measured according to VDI/DGQ 3441 Specifications valid with TANGO controllers only.