



▶ Scanning Stage SCAN<sup>plus</sup> 100 x 100 with integrated measuring system

	Specification
Travel range:	max. 100 x 100 mm
Repeatability:	< 1 µm* measured according to VDI / DGQ 3441
Accuracy:	1 µm* measured according to VDI / DGQ 3441
Orthogonality:	< 5", typ. 2" *
Resolution:	0,05 µm* (smallest step size)
Max. travel speed:	60 mm/s*, with 1 mm lead screw pitch 120 mm/s*, with 2 mm lead screw pitch 240 mm/s*, with 2 mm lead screw pitch
Motor:	2-phase stepper motor
Material:	aluminium
Limit switches:	optical light beam
Weight:	4.600 g
Surface:	anodic coating, black
Certification:	DIN EN ISO 9001 : 2000
Packaging type:	protective polyurethane foam
Packaging size / type:	58 x 48 x 38 cm / 8 kg

### Order Informationen

Part No.: 00-24-573-0000, with 1 mm lead screw pitch  
Part No.: 00-24-574-0000, with 2 mm lead screw pitch  
Part No.: 00-24-575-0000, with 4 mm lead screw pitch

### Features

- ▶ with integrated measuring system
- ▶ for upright microscopes
- ▶ flat design due to lowered motor axis
- ▶ for reflected light and transmitted light applications
- ▶ exchangeable stage inserts for different kinds of applications
- ▶ The integrated electronic stage identification device ETS enables automatic identification of the scanning stage as well as the parametrization of the controller.
- ▶ 5 years guarantee, if the scanning stage is operated in the system with the Märzhäuser TANGO controller!

### Accessories

Stage insert for slide 3" x 1"  
Part No.: 00-29-401-8010  
Glass plate  
Part No.: 00-24-401-0810  
Metal plate  
Part No.: 00-24-401-0011

\* Specification valid with Märzhäuser stage controller only

Specifications subject to change without notice.

Märzhäuser Wetzlar GmbH & Co. KG    Tel.: +49 6441 9116-0  
In der Murch 15    Fax: +49 6441 9116-40  
D-35579 Wetzlar (Germany)    eMail: info@marzhauser.com

[www.marzhauser.com](http://www.marzhauser.com)