



▶ Scanning Stage SCAN 100 x 80 for upright microscopes

	Specifications
Travel range:	max. 100 x 80 mm
Repeatability:	< 1 $\mu\text{m}^*$ measured according to VDI / DGQ 3441
Accuracy:	+/- 3 $\mu\text{m}^*$ measured according to VDI / DGQ 3441
Orthogonality:	< 40 sec., typically < 25 sec.
Resolution:	0,05 $\mu\text{m}^*$ (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 4 mm lead screw pitch
Motor:	2-phase stepper motor
Material:	aluminium
Limit switches:	adjustable limit switches
Weight:	4.300 g
Surface:	anodic coating, black
Certification:	DIN EN ISO 9001 : 2000
Packaging size / weight:	58 x 48 x 38 cm / 8 kg

### Order Information

Part No.: 00-24-427-0000, with 1 mm lead screw pitch  
 Part-No.: 00-24-428-0000, with 2 mm lead screw pitch  
 Part-No.: 00-24-429-0000, with 4 mm lead screw pitch

### Features

- ▶ adjustable limit switches for individual travel range limitation
- ▶ exchangeable stage inserts for different kinds of applications
- ▶ motor cable connection front right
- ▶ optional measuring system for closed-loop operation available

### Accessories

See accessories list!

\* Specifications valid with Märzhäuser stage controller only

Specifications subject to change without notice.

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