



▶ **Scanning Stage SCAN IM 100 x 40** for DMI 5000

	Specifications	Order Information
Travel range:	max. 100 x 40 mm	Part No.: 31-24-430-0000, with 1 mm lead screw pitch
Repeatability:	< 1 µm* measured according to VDI / DGQ 3441	Part No.: 32-24-431-0000, with 2 mm lead screw pitch
Accuracy:	+/- 3 µm* measured according to VDI / DGQ 3441	
Orthogonality:	< 40 sec., typically < 15 - 20 sec.	
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	
Motor:	2-phase stepper motor	
Material:	aluminium	
Limit switches:	mechanical limit switches	
Weight:	4.300 g	
Surface:	anodic coating, black	
Certification:	DIN EN ISO 9001 : 2000	
Packaging type:	protective polyurethane foam	
Packaging size / weight:	66 x 56 x 36 cm / 10 kg	
		Features
		▶ for material and industrial applications
		▶ exchangeable insert frames for different kinds of applications
		▶ motor cable connection back left
		Accessories
		Stage insert for slide 76 x 25 mm (included in delivery) Part No.: 00-29-411-8010
		Stage insert for 4 slides Part No.: 00-29-411-8220
		Stage insert for micro titer plates Part No.: 00-29-411-8020
		Universal stage insert Part No.: 00-29-411-8150

* Specifications valid with Märzhäuser stage controller only

Specifications subject to change without notice.