



▶ **Scanning Stage SCAN IM 127 x 83** for DMI 3000 - 6000

	Specifications	Order Information
<b>Travel range:</b>	max. 127 x 83 mm	Part No.: 00-24-430-0000, with 1 mm lead screw pitch
<b>Repeatability:</b>	< 1 µm* measured according to VDI / DGQ 3441	Part No.: 00-24-431-0000, with 2 mm lead screw pitch
<b>Accuracy:</b>	+/- 3 µm* measured according to VDI / DGQ 3441	
<b>Orthogonality:</b>	< 40 sec., typically < 15 - 20 sec.	
<b>Resolution:</b>	< 0,05 µm* (smallest step size)	
<b>Max. travel speed:</b>	60 mm/s*, with 1 mm lead screw pitch 120 mm/s*, with 2 mm lead screw pitch	
<b>Motor:</b>	2-phase stepper motor	
<b>Material:</b>	aluminium	
<b>Limit switches:</b>	mechanical limit switches	
<b>Weight:</b>	4.300 g	
<b>Surface:</b>	anodic coating, black	
<b>Certification:</b>	DIN EN ISO 9001 : 2000	
<b>Packaging type:</b>	protective polyurethane foam	
<b>Packaging size / weight:</b>	66 x 56 x 36 cm / 10 kg	
		<b>Features</b>
		▶ for life science applications
		▶ exchangeable insert frames for different kinds of applications
		▶ motor cable connection back left
		<b>Accessories</b>
		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.