



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

**Specifications**

<b>Travel range:</b>	max. 100 x 40 mm
<b>Repeatability:</b>	< 1 $\mu\text{m}^*$ measured according to VDI / DGQ 3441
<b>Accuracy:</b>	+/- 3 $\mu\text{m}^*$ measured according to VDI / DGQ 3441
<b>Orthogonality:</b>	< 40 sec., typically < 15 - 20 sec.
<b>Resolution:</b>	< 0,05 $\mu\text{m}^*$ (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

**Order Information**

Part No.: 31-24-430-0000, with 1 mm lead screw pitch  
Part No.: 32-24-431-0000, with 2 mm lead screw pitch

**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.