



▶ **SCAN IM 120 x 100** for Leica DMIRB / TCS-NT

### Specifications

<b>Travel range:</b>	120 x 100 mm
<b>Repeatability:</b>	< 1 µm* measured according to VDI / DGQ 3441
<b>Accuracy:</b>	+/- 3 µm* measured according to VDI / DGQ 3441
<b>Orthogonality:</b>	< 20" *
<b>Resolution:</b>	0,05 µm* (smallest step size)
<b>Motor:</b>	2-phase stepper motor
<b>max. travel speed:</b>	60 mm/s*, with 1 mm lead screw pitch 120 mm/s*, with 2 mm lead screw pitch
<b>Limit switches:</b>	mechanical limit switches
<b>Material:</b>	aluminium
<b>Weight:</b>	3.800 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 / 12 kg

### Order Information

Part No.: 00-24-464-0000, with 1 mm lead screw pitch  
Part No.: 00-24-465-0000, with 2 mm lead screw pitch

### Features

- ▶ exchangeable stage inserts for different kinds of applications

### Accessories

Stage insert for 1 slide 3" x 1"  
160 x 110 mm, included in delivery  
Part No.: 00-29-411-8010

Universal stage insert, 160 x 110 mm  
for samples Ø 20-74 mm and slides 3" x 1" or 3" x 2"  
Part No.: 00-29-411-8150

Piezo Z-stage P-737  
Part No.: 00-55-500-1800, closed-loop travel 100 µm  
Part No.: 00-55-500-0800, closed-loop travel 250 µm

\* Specification valid with Märzhäuser stage controller only

Specifications subject to change without notice.