



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

Specifications

Travel range:	max. 127 x 83 mm
Repeatability:	< 1 µm* measured according to VDI / DGQ 3441
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

Order Information

Part No.: 00-24-430-0000, with 1 mm lead screw pitch
Part No.: 00-24-431-0000, with 2 mm lead screw pitch

Features

- ▶ for life science 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.