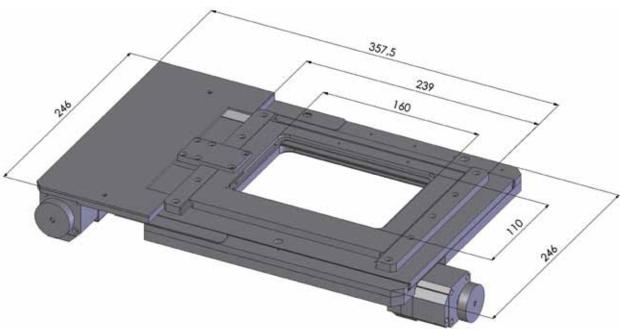




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Scanning Stage SCAN IM 127 x 83 for DMI 3000 - 6000

Specifications

Travel range: max. 127 x 83 mm

Repeatability: < 1 µI

measured according to VDI / DGQ 3441

Accuracy: +/- 3 µm*

measured according to VDI / DGQ 3441

Orthogonality: < 40 sec., typically < 15 - 20 sec.

Resolution: $< 0.05 \mu m^*$ (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: $66 \times 56 \times 36 \text{ cm} / 10 \text{ kg}$

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.