



▶ Scanning Stage SCAN IM 50 x 50 for Olympus GX 51 / 71

	Specifications	Order Information
Travel range:	max. 50 x 50 mm	Part No.: 00-24-555-0000, 1 mm lead screw pitch
Repeatability:	< 1 µm* measured according to VDI / DGQ 3441	Part No.: 00-24-556-0000, 2 mm lead screw pitch
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:	45 mm/s*, with 1 mm lead screw pitch 90 mm/s*, with 2 mm lead screw pitch	
Motor:	2-phase stepper motor	
Material:	aluminium	
Limit switches:	mechanical	
Weight:	4.620 g	
Load capacity:	max. 10 kg**	
Surface:	anodic coating, black lacquering	
Certification:	DIN EN ISO 9001 : 2000	
Packaging type:	protective polyurethane foam	
Packaging size / weight:	66 x 56 x 36 cm / 12 kg	

**Features**

- ▶ compatible with original Olympus stage inserts
- ▶ included in delivery:  
stage insert D.110 x 2 mm,  
inner diameter opening: 28 mm  
Part No.: 00-24-555-1000

\* Specifications valid with Märzhäuser stage controller only

\*\* The stage specifications may vary with load exceeding 2 kg

Specifications subject to change without notice.

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