

MICOS

MOTION CONTROL & OPTICS **USA**

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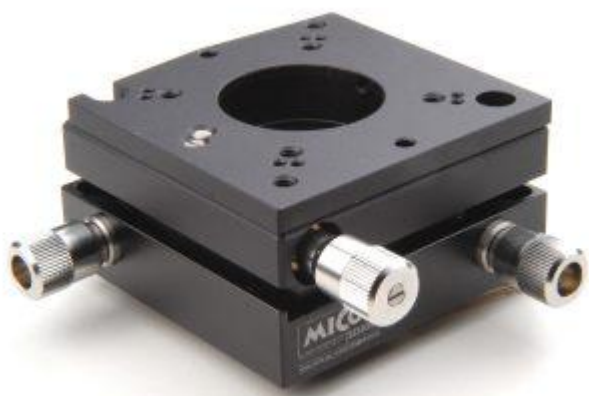
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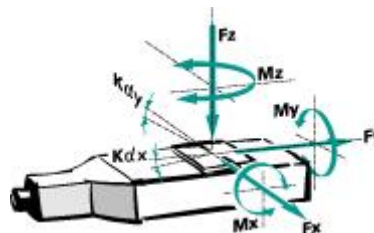
Prism Stage APS-XYR

Manual Positioners:



Key features

- Rotation up to +/- 4°
- Load capacity 0.3 kg
- 30 mm clear aperture



FACTS

Load Characteristics	FRx (N)	FRy (N)	FRz (N)
Finescrew	0.3	0.3	0.3

DESCRIPTION

APS-XYR, 30 mm clear aperture

Prism Stage **ASR-XYR** are very compact prism stage. In addition to the integration into the proved optical modular system, ASR-XYR prism stages can be employed for many tasks of adjustment. Prism stages are offered with two pitch axes: ASR-XYR respectively with one additional rotation axis ASR-XYR. A clear aperture with diameter 30 mm makes many uses and working with microscopy possible.



Technical data

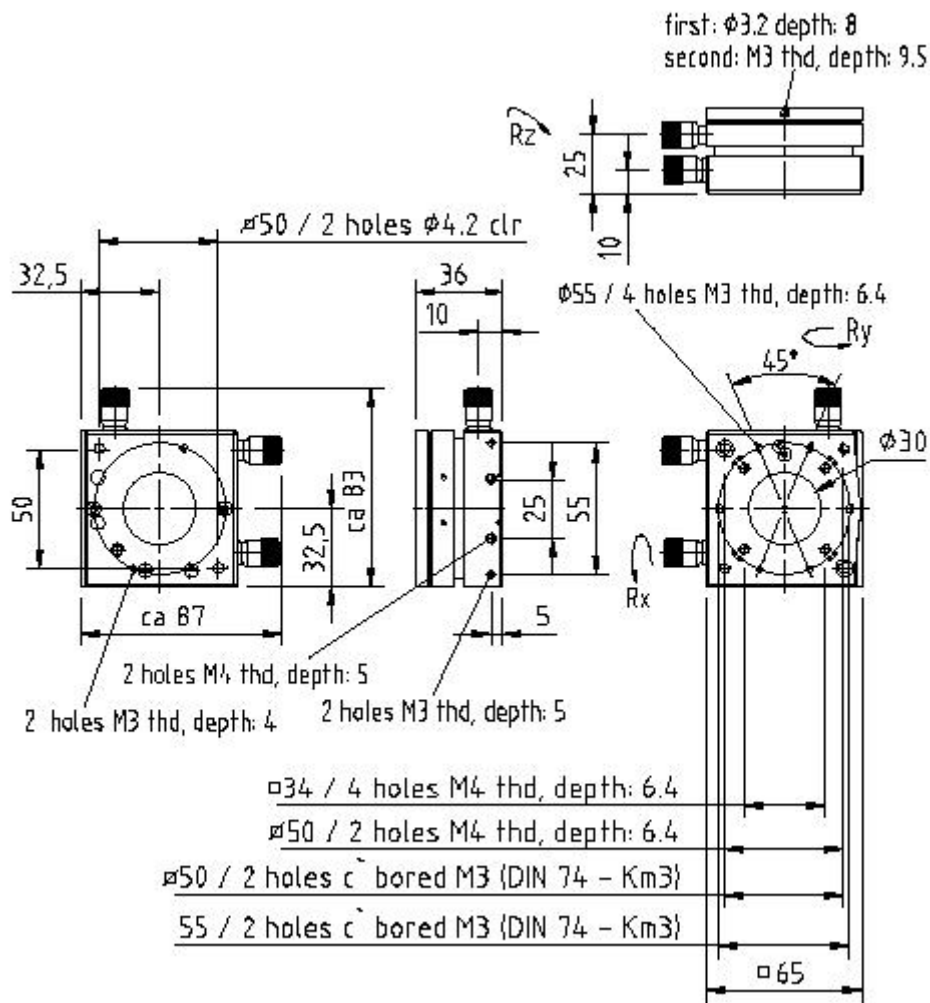
Travel Range	
Rx, Ry (°)	+/- 4
Rz (°)	+/- 4
Bi-directional Repeatability (µm)	-
Leadscrew Pitch (mm)	0.35

Degree per turn (°/ r)	
Rx, Ry	0.3
Rz	0.8

Sensitivity (°)	
Rx, Ry (°)	0.005
Rz (°)	0.005

Material	Special Alu, black anodized
Weight (kg)	0.22

APS-XYR Base & Knobs



MOTION CONTROL Systems Positioners MiniPos DirectDrives Controllers ManPos Accessories Vacuum MAC PhotonX M A C

APS-XYR Ordering information

Prism Stage	Order-No.
APS-XYR	4280-9-020

Founded in 1990, MICOS specializes in the development, manufacturing and marketing of ultra-high precision positioning components and systems for research and industry. We are experts in vacuum, ultra-high vacuum, clean room, and extreme climate environments down to 77 Kelvin. ▶▶

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