

Customized Stages

Carbon fiber stage



Vertical high-speed XZ-Scanning Stage.

TECHNICAL FEATURES

- Highly reliable, compact, flat XZ-stage
- Outstanding operating acceleration/deceleration
- Scanning System with integrated EDLM-motor, vertical ball screw drive
- Travel range 80 x 60 mm
- No wear/friction due to a non-contact drive
- Moving magnet system -> no moved cables in high-speed direction
- Very easy limit sensor adjustment

TECHNICAL DATA

Travel	[mm]	80x60
Accuracy	[μm]	< 5*
Flatness	[μm]	< 10
Speed Z	[mm/s]	20*
Speed X	[mm/s]	500*
Acceleration/Deceleration Z	[mm/s ²]	200*
Acceleration/Deceleration X	[mm/s ²]	5000*