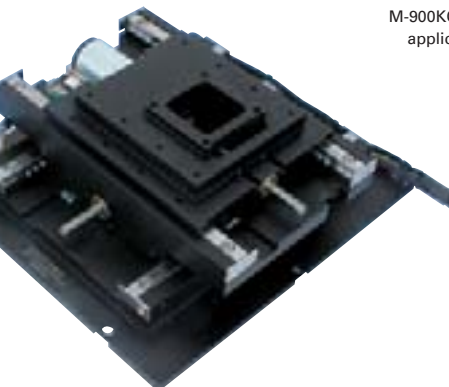


M-900K OEM XY Stage Planar Scanner

High-Precision XY Positioning System



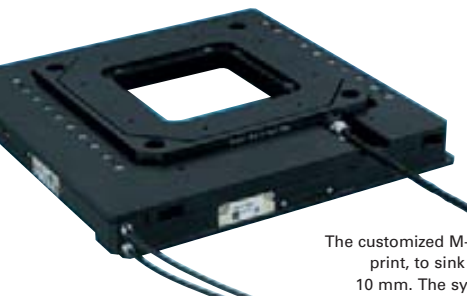
Fast and with high guiding accuracy: the M-900KOPS planar scanner was developed for OEM applications e.g. inside whitelight interferometers

- Max. Velocity 10 mm/s
- Linear encoder with 0.1 μm Resolution
- Self-Locking
- Load Capacity to 660 N
- Low-Backlash, Direct Drive
- DC-Servo or Stepper Motor Drives

Model	Travel range	Min. incremental motion	Bidirectional repeat
M-900 KOPS planar scanner	50 x 50 mm	0.3 μm	±0.1 μm

M-686K PLine® XY Stage for Microscopy

Low Profile, Large Aperture, High Speed



The customized M-686KPMS stage offers a larger footprint, to sink the optional P-541 piezo scanner by 10 mm. The system height together with the P-541 piezo scanner is reduced to only 34 mm

Model	Travel range	Min. incremental motion	Bidirectional repeat
M-686K PLine® Microscopy Stage	25 x 25 mm	0.1 μm	±0.1 μm

- Integrated Closed-Loop Piezomotor Drives Provide High Speed to 100 mm/s
- Travel Ranges 25 x 25 mm
- Integrated Linear Encoders with 0.1 μm Resolution
- Low-Profile Combinations with PI Piezo Nanopositioning / Scanning Stages
- Clear Aperture 78 x 78 mm, 66 x 66 mm in Extreme Position
- Self-Locking at Rest

Model	Active Axes	Travel	Max. velocity	Load capacity	Dimensions
M-686K PMS PLine® Microscopy Stage	X, Y	50 x 50 mm	100 mm/s	50 N (10 N for max. velocity)	210 x 210 x 28 mm

Compact XYZ Stage Fiber Aligner

Nanometer Precision with Motor and Piezo Drive Combination



F-130.3SD XYZ Alignment System, 1 nm resolution,

- Compact, Highly Responsive Coarse / Fine Positioning System, Ideal for Automated Photonics Alignment
- 5 or 15 mm Motorized Coarse Travel range, 50 nm Min. Incremental Motion
- Fast Piezo Drive with Resolution to 1 nm, 100 μm Fine Travel Range, Optional Position Feedback Sensors
- Choice of Motors: Stepper or Closed-Loop DC-Motor
- Recommended: C-880 Automation Controller
- Extensive Accessories, Software Support

Model	F-130.3SD & F-131.3SD	F-130.3SS & F-131.3SS	F-130.3OD & F-131.3OD	F-130.3OS & F-131.3OS
Drive	Closed-Loop DC motors, closed-loop PZT drives	Stepper motors, closed-loop PZT drives	Closed-Loop DC motors, open-loop PZT drives	Stepper motors, open-loop PZT drives
Motorized travel range (XYZ)	5 & 15 mm	5 & 15 mm	5 & 15 mm	5 & 15 mm