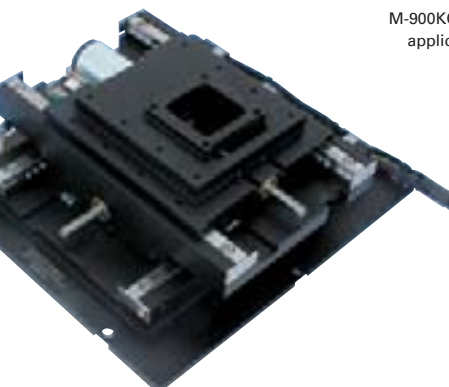


M-900K OEM XY Stage Planar Scanner

High-Precision XY Positioning System



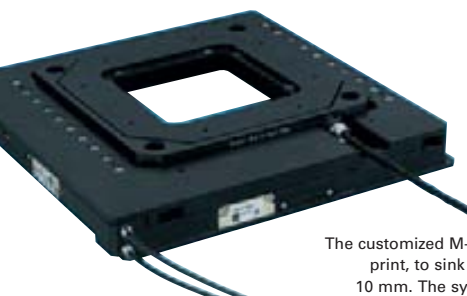
Fast and with high guiding accuracy: the M-900KOPS planar scanner was developed for OEM applications e.g. inside whitelight interferometers

- **Max. Velocity 10 mm/s**
- **Linear encoder with 0.1 μ m 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 repeatability
M-900 KOPS planar scanner	50 x 50 mm	0.3 μ m	$\pm 0.1 \mu$ m

M-686K PLine[®] XY Stage for Microscopy

Low Profile, Large Aperture, High Speed



The customized M-686KPS 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 repeatability
M-686KPS stage	25 x 25 mm	0.3 μ m	$\pm 0.1 \mu$ m

- **Integrated Closed-Loop Piezomotor Drives Provide High Speed to 100 mm/s**
- **Travel Ranges 25 x 25 mm**
- **Integrated Linear Encoders with 0.1 μ m 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-686KPS 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 μ m 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