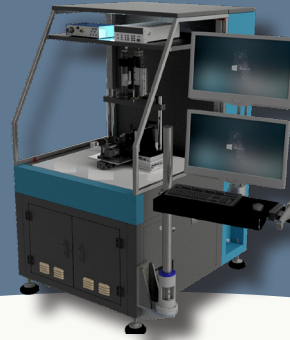
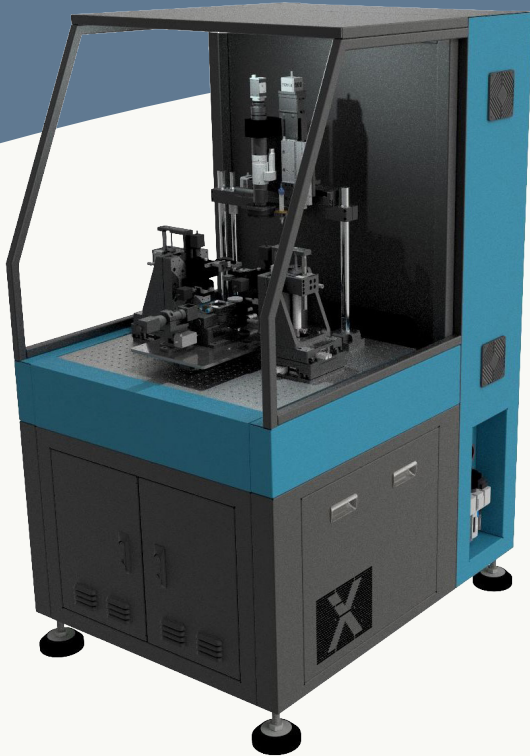


Engineering Aligner

AXISTEC



6 Axis of Freedom Optical Engineering Aligner

A standalone platform-base machine for both active alignment of Single mode fibers or fiber arrays and passive alignment with machine vision.

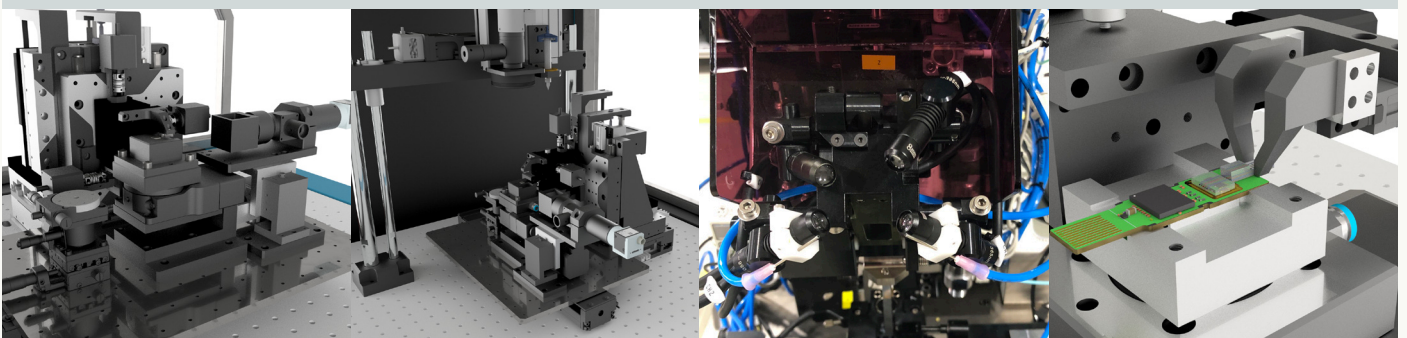
The Axis-Tec Engineering Aligner is capable of handling both Active and Passive alignment to improve flexibility in customer processes and increase productivity.

Applications

- Laser Coupling for Photo Optics
- Fiber-optics Assembly
- Integrated Optics
- Silicon-photonics

Advantages

- Robust Design Stage
- Universal & Precise Gripping System
- High Resolution Top Camera
- Customized & Compact Center Stage



◆ Specifications

Machine Dimensions	
Size (Aligner)	600mm x 500mm
Size (Aligner with Table)	800mm x 600mm
General Specifications	
Electrical	240V Single Phase
Air Supply	500 kPa
Resolution X,Y,Z	0.1 μ m
Repeatability	\leq +/-1 μ m
Resolution (θ)	\leq 0.00001 degree/pulse (Full)
Optical Power Search Stability	0.2dB
Vision Camera Working Distance	=> 100mm
Vision Resolution	20 MP