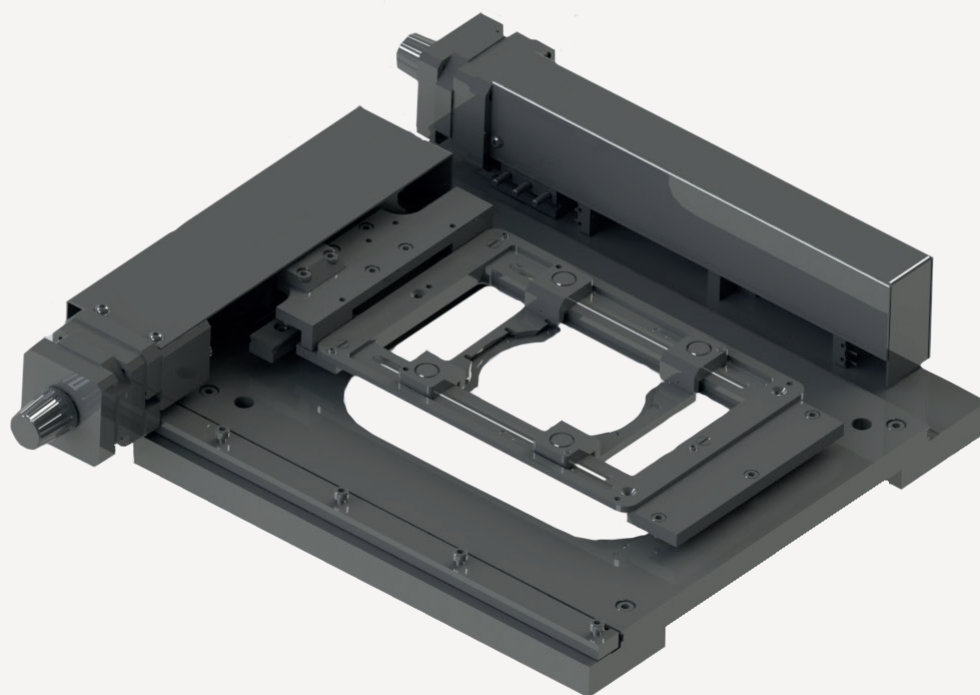




ES107 Stage

Motorised Stage for use with the OptiScan[®] system



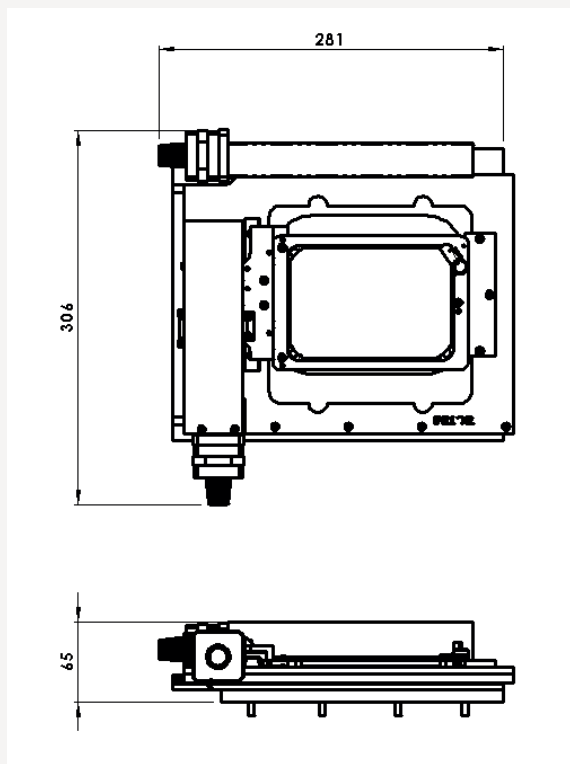
Economical yet precise, the ES107 motorised stage is designed to integrate with the OptiScan control system from Prior Scientific and fits with inverted microscopes. The ES107 offers excellent control over the XY axes for a reduced outlay compared with other motorised stages on the market; ideal for the user who does not require sub micrometre repeatability but nevertheless needs a reliable and accurate stage for routine and repetitive imaging applications.

- Step size (resolution) of 1 μm
- Repeatability of $\pm 5 \mu\text{m}$
- Travel range 115 x 77 mm
- Compatible with the full range of Prior specimen holders, including standard slide holders, multi-well plate holders, Petri dish holders and metallurgical specimen holders
- The unique S curve acceleration algorithm allows fast, smooth positioning without vibration, reducing disruption to samples.
- Anti-backlash precision lead screws
- Semi adjustable XY limit switches

ES107 Stage

Motorised Stage for the OptiScan System

Dimensions



Specifications*

Feature	Specification
Travel Range:	115 x 77 mm
Repeatability:	$\pm 5 \mu\text{m}$
Step size (Resolution):	$1 \mu\text{m}$
Linear Slides:	3 mm ball bearings
Drive mechanism:	Anti-backlash precision lead screw
Limit Switches:	X and Y standard, semi adjustable.

*Specifications obtained using the Prior method of testing and only valid when used with a Prior controller.



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