PRIOR®
Scientific

Translation stage

Universal manual or motorized stage for microscope movement

Providing a method to precisely move microscopes whilst allowing the sample to remain stationary, the Microscope Translation Stage from Prior Scientific is compatible with all modern research microscopes, and is ideal for electrophysiological and neuroscientific applications. Available in motorized or manual versions, it allows the user to move any modern research microscope, up to 60 kg in weight, to a desired position, and quickly return to an area of interest

Convenient:

- Available in manual or motorized versions to suit your needs
- Integrated universal mounts for metric and imperial vibration tables
- Designed to be seamlessly compatible with the Prior Z-Deck, V-Deck and HZP stands.
- Offering 50 x 50 mm of travel
- 60 kg weight capacity

Motorized variant:

- Step size of just 0.02 um
- Controlled via the OptiScan® III Control System, allowing easy integration into the overall imaging system
- Quiet and smooth movement with zero-backlash operation

SPECIFICATION S

SPECIFICATION	VALUE
Max travel range (mm)	50 x 50
Resolution (ZDP50T only) (µm)	0.02
Max load capacity	60
Stepper motor (ZDP50T only)	2 phase, 1 amp per phase, micro stepping
Profile (mm)	99.2 (approx)

ORDERING INFORMATION

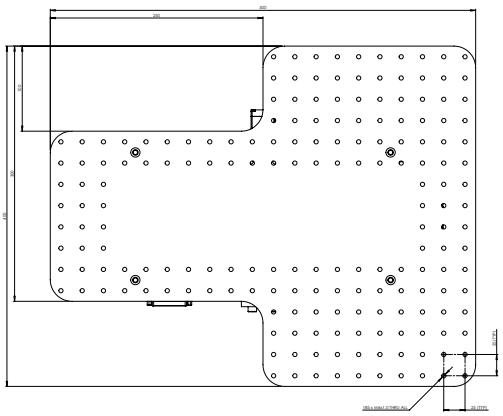
DESCRIPTION	PART
Motorized Translation Stage (includes OptiScan controller and joystick)	ZDP50T
Manual Translation Stage	ZDP50K

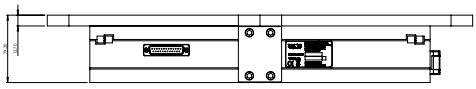
COMPATIBLE* WITH

- Motorized Z-Deck
- Manual Z-Deck
- Fixed Z-Deck
- HZP Stands
- Prior V-Deck
- OptiScan® III controller (motorized only)

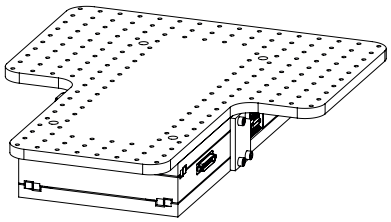
Translation Stage

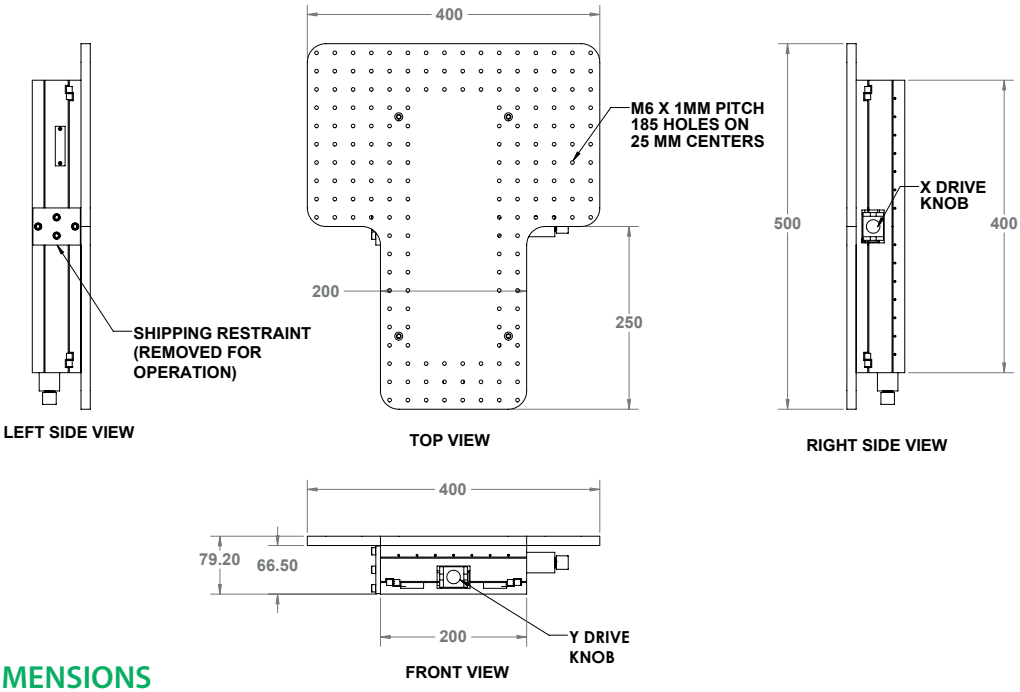
Motorized Precision Stage for Inverted Microscopes





MOTORIZED Z-DECK DIMENSIONS





MANUAL Z-DECK DIMENSIONS

WORLDWIDE DISTRIBUTION

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