

ProZ Stand

Motorized Stand for Olympus MVX-10, SZX16* and BX2/BX3 Modular Microscope Components



The Prior Scientific ProZ Stand for the Olympus MVX-10, SZX16* and BX2/BX3 modular microscope components offers a wide range of configurations to meet your Z focus and XY stage microscopy needs. Mounting directly to the zoom body of the Olympus MVX-10, SZX16* or BX2/BX3 fluorescence illuminator nosepiece assembly, the ProZ Stand with 12" of focus travel provides a large (508mm square) stable platform for Z only imaging or combine with the BXPXY stage system kit from Prior Scientific for the ultimate in XY and Z performance. Three different stage mount options are available. A basic reflected light stand is available and for transmitted light applications the ProZ Stand has options for both a brightfield/oblique transillumination module or a full Koehler illumination module. The Koehler module is compatible with the Prior Brightfield LED illumination system.

* Non-fluorescence SZX16 only.

General Specifications:

- Z travel range of 12"
- Minimum resolution of 0.25 microns, encoded
- Stepper motor is 4 phase, 1.5 amp/phase (ProScan)
- Compatible with ProScan and OptiScan controllers
- Compatible with Lumen, Lumen 200S and Lumen PRO fluorescence illuminators (on MVX-10 or BX2/BX3 fluorescence attachments)
- Compatible with Prior Brightfield LED (Koehler base)
- Base is 508mm x 508mm
- Weight of 45 kg, not including stage, lamphouse or optical body
- Power input – 100-240 VAC, 50-60 Hz
- Communications – RS232 or USB via ProScan or OptiScan controller
- Drivers available for most imaging software packages

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Motorized ProZ Base Stand

Part Number	Description
ZC12	Motorized ProZ Stand with 20" base and 12" of travel. Compatible with Olympus MVX-10, SZX16* zoom body and BX2/BX3 RFA illuminator modular microscope components

Motorized ProZ Stand Adapters

Part Number	Description
ZCABX	BX2/BX3 optical mounting arm for RFA illuminator
ZCAMVX	MVX-10/SZX16* optical mounting arm

Motorized ProZ Stage Stands

Part Number	Description
ZCBKOE	Koehler illumination module for ProZ Stand. Includes condenser mount and BX dovetail stage mount.
ZCBBFBOB	BF/oblique illumination module for Z column. For Prior motorized stage only.
ZCBBXRL	Stage mount reflected light only for Z column. For Prior motorized stage only.

Compatibility

Part Number	Description
H31ZFE	ProScan III controller with 3 stepper drives, for Z focus and 2 filter wheels or 3 filter wheels, includes 3 shutter drives and encoder input
H31XYZE	ProScan III controller with X, Y, Z drives and encoder input
H31XYZEF	ProScan III controller with X, Y, Z drives, 3 filter wheel drives, 3 shutter drives and encoder input
ES10	OptiScan II controller
ES10ZE	OptiScan II focus only controller
LDB100	Brightfield LED system for use with Prior controller
LDB101	Brightfield LED system for use with stand alone power supply
L200	Lumen 200 fluorescence illumination system with manual light attenuator
L200S	Lumen 200S fluorescence illumination system with manual light attenuator and extended UV and IR output
L200PRO	Lumen 200PRO fluorescence illumination system with integral automated light attenuator and high speed filter wheel

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