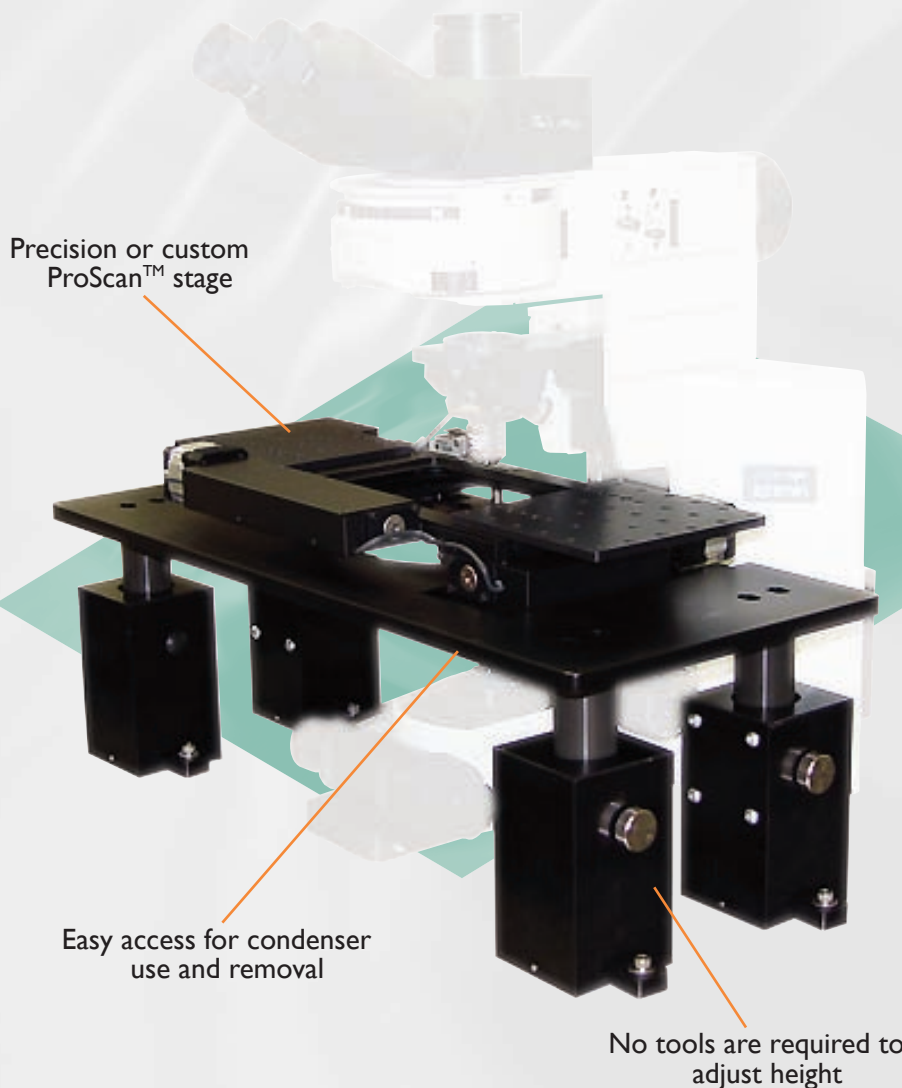


Prior ZDeck Systems

For Olympus BX51WI and BX61WI Microscopes

Features



Prior Scientific is proud to introduce the patent pending Prior ZDeck quick adjust platform for Olympus BX51WI and BX61WI microscopes.

Benefits of the ZDeck include:

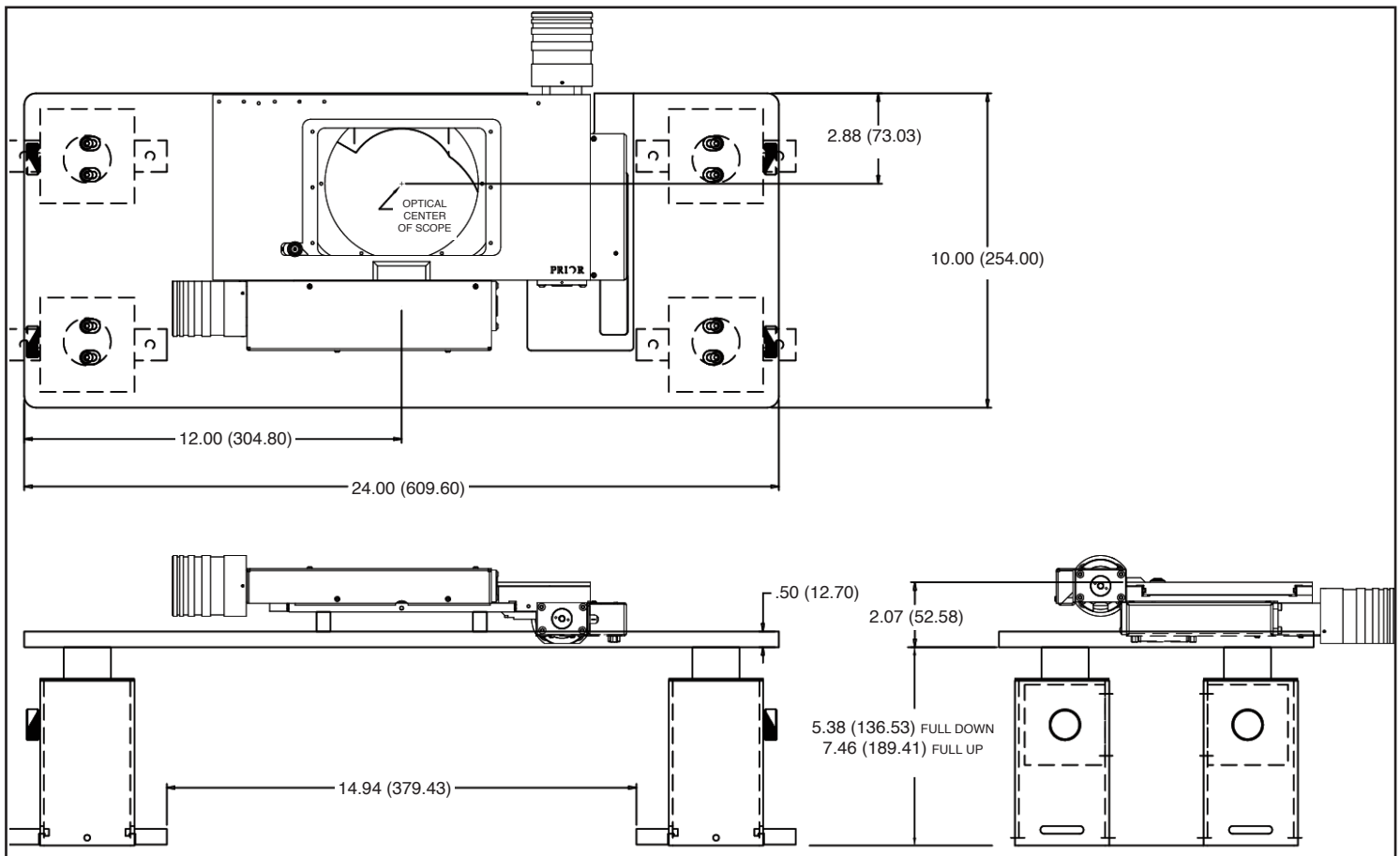
- Increased productivity – image multiple areas of interest with speed and precision.
- ZDeck lowers quickly and easily, providing easy access for loading and unloading samples.
- No tools are required to adjust the height. Changing between thin sample and whole animal imaging height can be accomplished in seconds.
- Pneumatic pistons in the ZDeck towers make raising and lowering the ZDeck virtually effortless.
- Precision or customized ProScan™ stage provides sub-micron repeatability and smooth movement.
- Compatible with 6mm or 1/4-20 vibration isolation tables.
- ProScan™III controller and PS3J100 joystick provide ultra fine XY stage control via dual dipots.
- Micromanipulator mounts – oversize 1/4-20 plates on both sides.
- Compatible with the BX51WI and BX61WI forward detector module.
- Condenser spacer and pillar spacers provided to allow for Koehler illumination at a wide range of focus heights.
- Optional encoded XY stage for highest precision available.

Microscope Compatibility Requirements

BXWI microscope should have the WI-ARMAD height raising kit installed to allow for maximum ZDeck travel.

Prior ZDeck System is compatible with forward detector module and multi-photon setup configurations.

Prior ZDeck Systems



General Specifications

ZDeck travel – 50mm

Vibration table compatibility – ¼-20 or 6mm

XY travel – 114mm x 49mm

XY resolution – 10 nanometers

XY speed – 15mm/sec

Spacers provided – 1 condenser, 4 pillar spacers

ProScan controller power: Universal external power supply. Input 100-240V, 50/60Hz., Max 1.6A

ProScan computer interface: RS232/USB, 9600 baud

ProScan communication protocol: 8 bit word, 1 stop bit, no parity, no handshake

Ordering Information

Part Number	Description
HR01AWIRISE	Prior high precision ZDeck system complete with Prior ZDeck, motorized ProScan™ XY stage, ProScan™III controller, PS3J100 joystick with dual digipot controls, universal holder, solid aluminum plate, two micromanipulator mounts, condenser spacer and four 10mm pillar spacers.
HR01AWIERISE	Prior high precision ZDeck system complete with Prior ZDeck, motorized ProScan™ XY stage with 50 nanometer linear scales, ProScan™III controller, PS3J100 joystick with dual digipot controls, universal holder, solid aluminum plate, two micromanipulator mounts, condenser spacer and four 10mm pillar spacers.

PRIOR SCIENTIFIC INSTRUMENTS LTD,
UNIT 4, WILBRAHAM ROAD, FULBOURN,
CAMBRIDGE CB1 5ET
TELEPHONE 01223 881711
FAX 01223 881710

PRIOR SCIENTIFIC INC.,
80 RESERVOIR PARK DRIVE,
ROCKLAND, MA 02370-1062
TELEPHONE 781-878-8442
FAX 781-878-8736

PRIOR SCIENTIFIC INSTRUMENTS GMBH
WILDENBRUCHSTR. 15
D-07745 JENA
TEL: +49 (0)3641 675 650
FAX: +49 (0)3641 675 651

VISIT PRIOR ON THE WEB AT www.prior.com

Specifications subject to change without notice.

