

Prior Z Deck Systems

For Olympus BX51WI and BX61WI Microscopes

Features

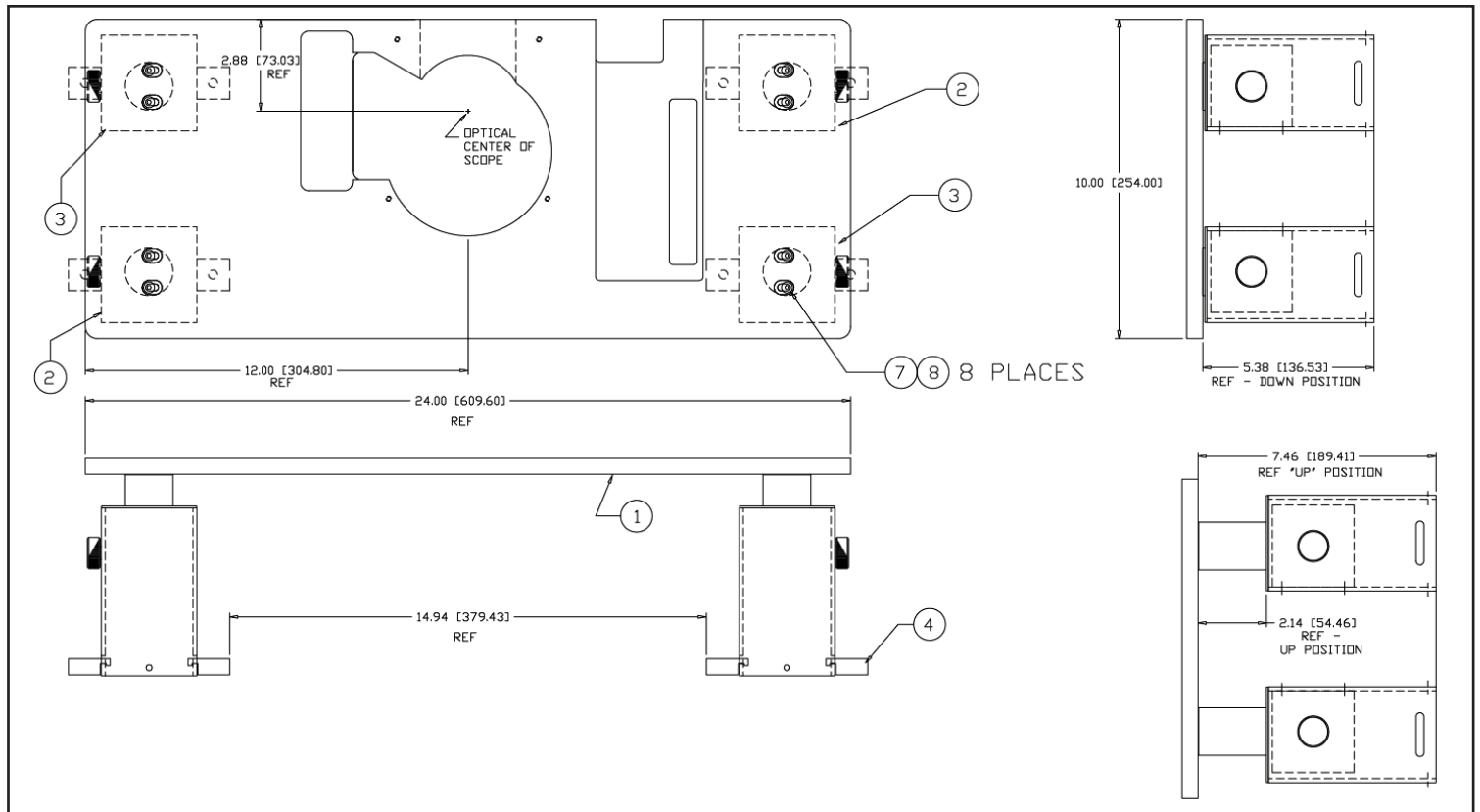


Prior Scientific is proud to introduce the Prior Z Deck quick adjust platform for Olympus BX51WI and BX61WI microscopes.

Benefits of the Z Deck include:

- Increased productivity – image multiple areas of interest with speed and precision.
- Z Deck lowers quickly 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 Z Deck towers make raising and lowering the Z Deck virtually effortless.
- Custom 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 digipots.
- 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.

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General Specifications

- Z Deck travel** – 2 inches
- 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 Z Deck system complete with Prior Z Deck, 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 Z Deck system complete with Prior Z Deck, 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.

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Specifications subject to change without notice.

