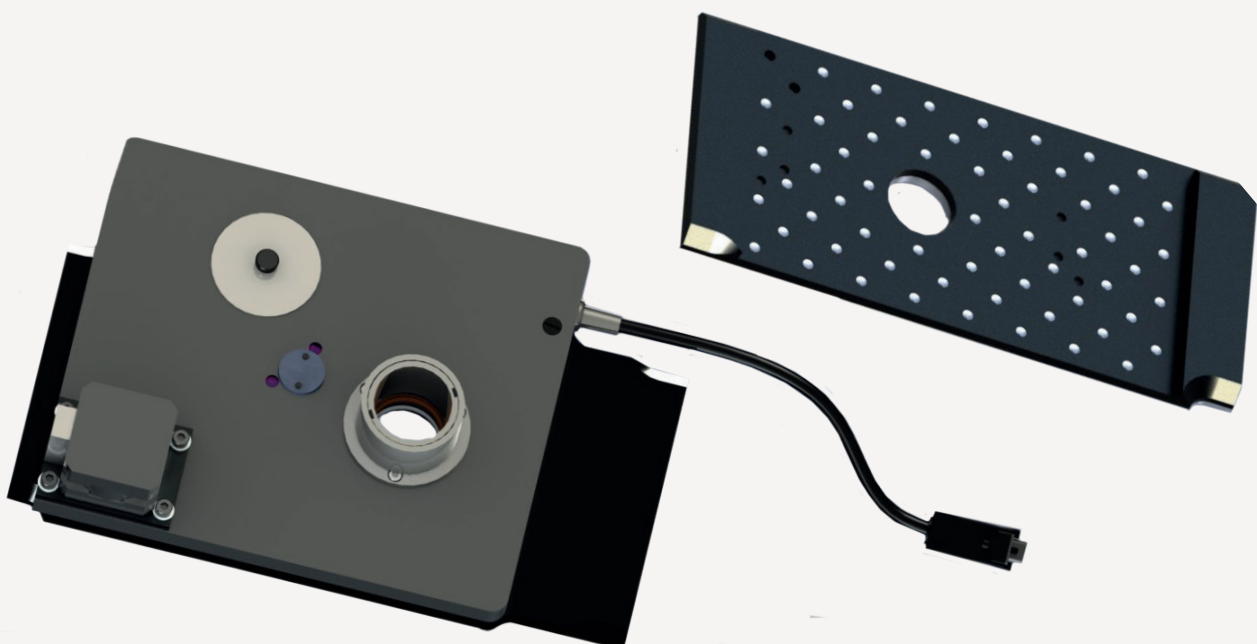




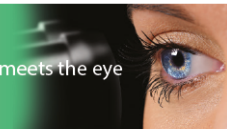
## IX Breadboard and Filter Wheel For Olympus IX Inverted Microscope Systems

The H3948 and HF108IX3 are specifically designed for the Olympus IX inverted microscope and give a simple yet versatile method of creating an illumination system tailored to your exact needs.

- Both the breadboard and filter wheel take full advantage of the open access to the light path on the breadboard
- The H3948 breadboard (6 mm pattern) allows the mounting and insertion of custom optics into the IX light path allowing the creation of a unique system for a specific application.
- Simple cassette like insertion into the slide deck of the IX makes installation quick and easy
- The HF108IX3 provides a compact and easy to install high speed filter wheel option which accommodates up to 8 32 mm diameter filters.
- 32 mm filters completely fill the field of view in the eyepieces and large chip cameras.
- Mounting the filter wheel below the nose piece allows the user to switch between wavelengths at high speeds but also to see fluorescent images through both the camera and eyepieces of the IX.
- Compatible with Z Drift Compensator (ZDC).
- Controlled via the ProScan<sup>®</sup> system and compatible with cellSens<sup>®</sup> and Metamorph<sup>®</sup>.



\*All brands are trademarks or registered trademarks of their respective owners.



## IX Breadboard and Filter Wheel

For Olympus IX inverted microscope systems

### Ordering Information

Product	Description
HF108IX3	High Speed Filter Wheel Deck Module for Olympus IX3 microscopes
H3948	IX3 breadboard with 6 mm holes on 25 mm centres
V31F	ProScan Controller with three filter wheel drives and three shutter drives
V31XYZEF	ProScan Controller with XYZ drives, three filter wheel drives, three shutter drives and encoder capability
VLD31XYZF*	ProScan Controller for linear stage control with XYZ drives, three filter wheel drives, three shutter drives and encoder capability

\* Only for control of HLD117IX stages only

### Compatible Illumination Products for Fluorescence Microscopy

Product	Description
L100####OL	Single LED illumination system (replace #### with wavelength required)
L1600OL2	16 LED illumination system with 2 m light guide and adapter
L1600OL3	16 LED illumination system with 3 m light guide and adapter
L200OL	Metal Halide Illumination Source
L200POL	Metal Halide Illumination Source controlled via ProScan with integral shutter and filter wheel
L200SOL	Metal Halide Illumination Source with integral shutter
L300DLGOL	3 LED illumination system with single band filter set at 365 nm and light guide
L300DOL	3 LED illumination system with single band filter set at 365 nm
L300MLGOL	3 LED illumination system with multi band filter set at 400 nm and light guide
L300MOL	3 LED illumination system with multi band filter set at 400 nm.

### Sample Fluorescent Microscopy System

Product	Description
VLD31XYZF	ProScan Controller for linear stage control with XYZ drives, three filter wheel drives, three shutter drives and encoder capability
HLD117IX	Precision XY linear motor stage with 50 nm resolution for Olympus
PS3J100	ProScan III interactive control centre
LDB101FOL	Brightfield LED for with flip in filter at 550 nm (driven by ProScan III)
HF108IX3	High Speed Filter Wheel Deck Module for Olympus IX3 microscopes
H3948	IX3 breadboard with 6 mm holes on 25 mm centres
HF110	Excitation filter wheel
HF235	Excitation adapter for an Olympus IX microscope
L300MOL	3 LED illumination system with multi band filter set at 400 nm.



**Prior Scientific Ltd**

3-4 Fielding Industrial Estate • Wilbraham Road • Fulbourn • Cambridge • CB21 5ET • UK

t: +44 (0)1223 881711 • e: [uksales@prior.com](mailto:uksales@prior.com) • [www.prior-scientific.co.uk](http://www.prior-scientific.co.uk)



FM 61500



**Prior Scientific Inc**

80 Reservoir Park Drive • Rockland • MA. 02370 • U.S.A.

t: +1 781-878-8442 • e: [info@prior.com](mailto:info@prior.com) • [www.prior-us.com](http://www.prior-us.com)

Registered Address: Units 3/4 Fielding Industrial Estate • Wilbraham Road • Fulbourn • Cambridge • CB21 5ET • United Kingdom Registered in England 404087