

Accessories

Optical Imaging of the Brain

HIGHTLY STABLE IMAGING LIGHT SOURCES

 **LIGHT-ISI - ISI illumination system**

Highly stable light source for Intrinsic Signal Imaging. The light is delivered by fiber optics. Supplied with bandpass filters to meet most ISI needs.

 **ISI-SH - Optional Shutter for LIGHT-ISI**

Shutter and controller for LIGHT-ISI light source.

 **LIGHT-VSD - VSD illumination system**

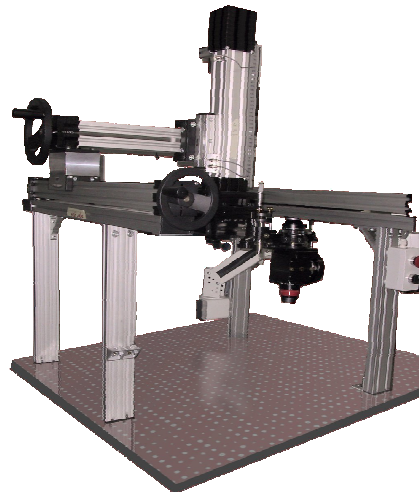
Stable light source for Voltage Sensitive Dye imaging. Includes all features of LIGHT-ISI plus a macroscope and illumination lens for highly efficient epi-illumination. Supplied with dichroic mirror and filters appropriate for RH dyes.



CAMERA MOUNTS

 **ROBOTIC CAMERA MOUNT**

Motorized camera mount for convenient camera positioning.



 **FIXED CAMERA MOUNT**

A rigid holder based on a rail truss that positions the camera above the subject.

CRANIAL CHAMBERS

 **Large and Small Chambers**

Two inner diameters are available: 20mm and 15mm.
Set of replacements for gaskets and cover slips are also available.



Note: all specifications are subject to change without prior notice.

www.opt-imaging.com

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DYES

RH Voltage Sensitive Dyes

We are the only supplier for RH dyes: RH 1838, RH 1691, RH 1692. These dyes set the standard for sensitivity, safety and efficiency.

OPTICS

Tandem lenses provide a high numerical aperture and a shallow depth of field and are the most common lens configuration for brain imaging.

TLENS5050

A unity gain tandem lens system, typically used on larger animals.

TLENS10550

A tandem lens system with a 2.1X magnification, typically used on smaller animals.

TLENS13550

A tandem lens system with a 2.7X magnification, typically used on smaller animals.

TLENS105

An accessory to a TLENS5050 to enable higher magnification.

TLENS135

An accessory to a TLENS5050 to enable higher magnification.

TLENS2X

An accessory for any tandem lens system to double the magnification.

RESPIRATORS

RESP6125

Respirator for larger animals, specially modified to allow brief pauses in synch with data acquisition.

RESP7125

Respirator for smaller animals, specially modified to allow brief pauses in synch with data acquisition.



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