



NEW!

DUAL POWER SUPPLIES, DISCRETE GAIN, ON/OFF CONTROLS AND HIGH VOLTAGE DISPLAYS FOR EACH PMT CONNECTED

REAR PANEL HAS ± 12 VDC (TWO OUTLETS) AND ± 5 VDC (TWO OUTLETS)

MATING CONNECTORS SUPPLIED FOR HIGH AND LOW VOLTAGE OUTPUTS

LOW NOISE LINEAR POWER FOR ALL LOW VOLTAGES AND FOR DRIVING HIGH VOLTAGE SUPPLIES



PS-2 / PS-2/LV: PMT POWER SUPPLY

The **PS-2** and **PS-2/LV** are Sutter PMT power supplies sold with the Sutter MOM. They are also available to those who need dual power supplies for either their own scanning microscope or other projects that need PMT power supplies. The **PS-2** is a dual high voltage supply specifically designed to be used with the Hamamatsu R6357 multi alkali PMT but applicable to other similar PMTs. The **PS-2/LV** was originally designed to be used with the Hamamatsu H10770PA-40 PMT Module, but is applicable to many other similar PMT modules that have the high voltage supply built into the device and only require a low voltage supply and a control voltage to set gain.

The **PS-2** and **PS-2/LV** have additional outputs for running preamplifiers and other associated circuitry. Both are dual supplies with discrete on/off switches, gain controls and voltage displays for the two PMTs attached. These two models are manually controlled, which is convenient for those designing their own scopes; there is no need to worry about PC control of various parameters. Just plug in the PMT and power up! To keep generated noise at a minimum, linear power supplies are used to generate all low voltages and to power the high voltage supplies.

APPLICABLE PMTs

PS-2

Hamamatsu R6357, R3896, R3811

PS-2/LV

Hamamatsu H10770PA-40, H10770PB-40, H10770PA-50 as well as gated modules like H11706-40 and H11526-110

Please call Sutter for applicability of the **PS-2** and **PS-2/LV** to other PMTs and PMT modules.

HAMAMATSU PMTs

Sutter Instrument is an authorized reseller for Hamamatsu. We have been using Hamamatsu PMTs and PMT modules in the Sutter MOM scope since 2006 and also offer various Hamamatsu PMTs for sale as individual components.

We keep a small inventory of PMTs and PMT modules, provide PMT testing, cabling and mounting solutions and we also provide several Sutter designed PMT power supplies. Please contact Sutter for a list and pricing of the Hamamatsu PMTs that we carry or to find out if we can help you design a PMT into a custom instrument.

PS-2

Includes PMT power supply, power cord and mating connectors for all outputs (Suitable for RG357 or like PMTs).

PS-2/LV

Includes PMT power supply, power cord and mating connectors for all outputs (Suitable for H10770 or like PMTs with built-in high voltage power supply).



SUTTER INSTRUMENT

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QUAD BASIC SYSTEM

QUAD-L QUAD 4-axis manipulator – left-handed setup
QUAD-R QUAD 4-axis manipulator – right-handed setup

FIXED STAGE PLATFORM

MT-78-FS Fixed platform stage with imperial/standard holes, chamber insert and gantry supports
MT-78-FS/M6 Same as above with M6 tapped holes

MANIPULATOR COLUMNS

MT-75 Standard gantry stand 8.7 to 13.4 in (22.1 to 33.9 cm)
MT-75S Short gantry stand 6.7 to 9.6 inches (16.9 to 24.4 cm)

ACCESSORIES

285204 4 inch dovetail extension
221200 Mounting adapter plate
225RBI Rotating base for MP-225
221165 Z-axis vertical extension
BR-AW Rod holding clamp for XenoWorks injectors
MP-ROD Rod holder