

SL5 Deuterium Halogen Light Source for UV-VIS

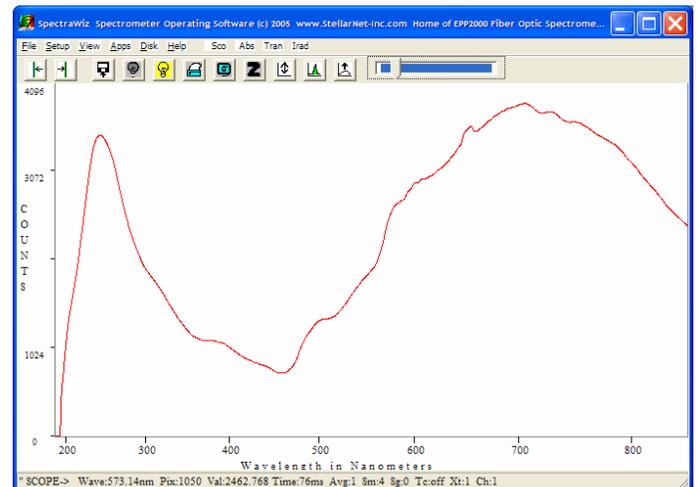


- **200-1100nm Spectral Range** - Combines two light sources into one small package with deuterium bulb plus tungsten-halogen bulb in one fiber optic connection.
- **Miniature Size** - Its small size of 1.5 x 2.5 x 6" makes it a perfect match for our UVN or EPP2000C UV-VIS spectrometer (as pictured).
- **Dual Lamps** - The deuterium and halogen lamps can be individually turned on/off and have a front panel shutter control button for taking a quick dark spectra reference.
- **Portability** - The combination of both lamps into one small enclosure saves money and reduces complexity to provide the ultimate UV-VIS light source for portability.

-The **SL5 Deuterium Tungsten Halogen Light Source**- is a miniature Deuterium and halogen light source that covers the 190-900nm range. The lamp combines the Deuterium Spectrum with the Tungsten Halogen spectrum to form a single optical path. The deuterium and halogen lamps can be individually turned on or off and have a front and rear panel shutter control. The SL5-DH lamp connects via fiber optic cable to cuvette holders, dip probes, and flow cells, with the return signal routed to the spectrometer SMA 905 input connector

- **SL5-CUV** adds an external cuvette holder that is ideal for transmission and absorbance measurements for liquids using standard 1cm or shorter UV grade cuvettes.

- **SL5-Filter** adds a nose cone to allow insertion of 0.5 inch diameter UV/VIS/NIR filters for special excitation applications. DCX lens option for x2 signal gain.



SL5 Lamp Spectra with a Concave Grating Spectrometer

Light Sources and Accessories

Item	Description
SL5	SL5 Deuterium / Tungsten UV/Vis/NIR Lamp
SL5-CUV	SL5 with Cuvette Holder
SL5-FILTER	SL5 with Filter Holder
LENS-DCX	Lens DCX add-on for x2 gain SL5-FILTER only

Specifications

Weight	1 pound (454 g)	Output to bulb	internal
Power consumption	6 watts	Output regulation	0.05%
Spectral Range	190-2200nm	External filter accessory	demountable
Time to stabilize output	5 min	External filter slot	0.5inch diameter filters
Power output	1 watt	Spectral attenuation	450nm dip
Bulb Color Temp	3000K	Connector	SMA 905