

LS-XeF

XENON FLASHLAMP LIGHT SOURCE

- *UV-Visible-NIR Spectral Range*
- *High Radiant Intensity*
- *Remote control with SPEC Hub*
- *Optical Fiber Connector*
- *Small, powerfull and reliable*
- *High Flash Rate*



EASY INTEGRATION IN YOUR SETUP

The new SPEC Hub provides the ideal solution to synchronize the operation of LS-XeF with the data collected by Sarspec's spectrometers. Alternatively, LS-XeF can be triggered with any external TTL positive pulse generator.

HIGH POWER FOR UV EXCITATION

The flexibility of this light source makes it a great solution for Fluorescence/Phosphorescence measurements due the hability to deliver high energy pulses in the UV range.

HIGH FLASH RATE

LS-XeF stands a maximum pulse rate of 278 Hz with high intensity and pulse-to-pulse stability that provides an excellent performance for long-duration measurements.



Fluorescence with cuvettes

Setup Example

- 1 LS-XeF
- 2 Optical Fibers
- 3 Multipurpose Cuvette Holder
- 4 FLEX+ Spectrometer



Specifications Table

Parameter	Value
Wavelength Range	190-2000+ nm
Xenon Flashlamp lifetime	> 1 x 10 ⁹ flashes
Maximum repetition rate	278 Hz
Local Operation	Power and intensity controller
Trigger input	SPEC Hub or an external TTL positive pulse
Flash output	48.6 mJ
Pulse duration	~ 7 μ s (at 1/3 height of the pulse)
Optical fiber connector	SMA 905
Power consumption (maximum)	6 W
Power requirements	12 VDC/1.2 ADC
Dimensions	152 (L) x 45 (W) x 77 (H) mm
Weight	750 g

Order Information

Description	Part Number
XeF light source (190-2000+ nm)	LS-XeF
Replacement Xenon Flashlamp (190-2000 nm)	B-XeF
SPEC Hub for optional remote control (cable included)	HUB-LS



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