

LS-Xef

Xenon Flashlamp

LIGHT SOURCE

- UV-Vis-NIR Spectral Range
- High Radiant Intensity
- Remote Control with SPEC Hub
- SMA 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 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.

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.

Fluorescence with Cuvettes

SETUP EXAMPLE

1. XeF Light Source
2. Optical Fibers
3. Multipurpose Cuvette Holder
4. FLEX+ Spectrometer



Specifications Table

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

CONTACTS



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