

LS-DW

DEUTERIUM TUNGSTEN-HALOGEN LIGHT SOURCE

- *Great Stability*
- *UV-Vis-NIR Spectral Range*
- *Lamp and Shutter Selector*
- *Optical Fiber Connector*
- *Remote Control with SPEC Hub*



CONTROL YOUR LIGHT SOURCE REMOTELY

The DW light source can be remotely controlled by using our SPEC Hub. Creating event tables for turning on/off the light source, selecting individual or combined lamp illumination, and opening/closing the shutter has never been so easy!

SHUTTER FOR MAXIMUM PERFORMANCE

The built-in shutter controller included on the DW light source enables a simple operation for dark measurements or reducing the exposure of samples to UV light without the need for shutting off the lamps, resulting in a more stable and extended lifetime.

SELECT ONLY THE LAMP YOU NEED

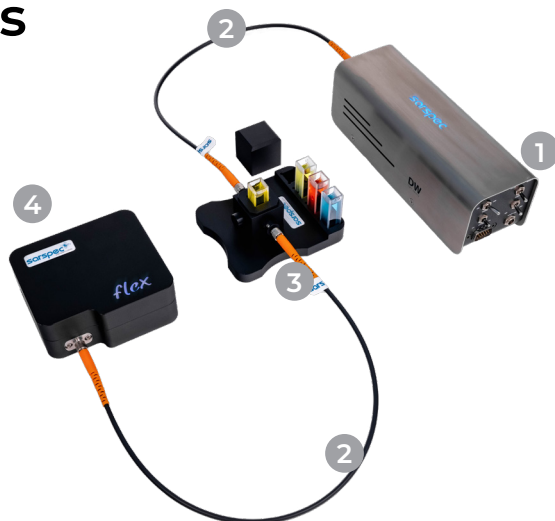
The DW light source has an integrated lamp selector that allows you to choose between a single and combined deuterium and tungsten-halogen lamp operation, according to your spectral region of interest.



Absorbance with Cuvettes

Setup Example

- 1 DW Light Source
- 2 Optical Fibers
- 3 Standard Cuvette Holder
- 4 FLEX Spectrometer



Specifications Table

Parameter	Value
Wavelength Range	185-1100nm
Deuterium Lamp Lifetime	~ 1000 h
Tungsten Lamp Lifetime	~ 2000 h
Local Operation	Power, shutter and lamp selector
Optical Fiber Connector	SMA 905
Warm-up Time	Approx. 15 min.
Remote Operation	Requires SPEC Hub
Power Consumption (max.)	6 W
Power Requirements	12 VDC / 0.6 ADC
Dimensions	200 (L) x 65 (W) x 65 (H) mm
Weight	800 gr

Order Information

Description	Part Number
DW Light Source (power supply included)	LS-DW
DW Lamp Unit Replacement (185-1100 nm)	B-DW
SPEC Hub for DW Remote Control (cable included)	HUB-LS



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