

LSDS-30

30 W Deuterium UV Source

A deuterium source assembly for UV illumination, combining the LSH-D30 lamp housing and LSP-D30 current supply. The replaceable LSB-D30 emitter supports a continuous UV spectrum for spectroscopy.

Best suited to: UV transmission, absorption and monochromator-based illumination.



Configuration

Specify the required UV band, collection optics and coupling. Lamp operating parameters and power-supply current stability are separate from optical output stability.

Specifications

Published parameters	
Spectral range	200–400 nm
Lamp power / current	30 W / 0.3 A
Optical output fluctuation	≤0.5%
Lamp nominal life	2000 h
Optical-axis height	115–154 mm
Supply current stability	≤0.05%/h
Supply input	24 V DC

Measurement features

- 30 W deuterium emitter with published 200-400 nm coverage.
- Adjustable optical-axis height for bench alignment.
- Dedicated 24 V DC input current supply.

Full configuration: www.precisometer.com/spectroscopy/light-sources/deuterium