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## DH-mini UV-Vis-NIR Light Source

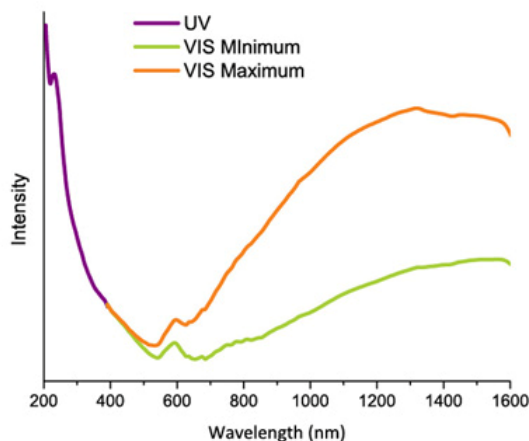
**Compact footprint. Intense performance.**



The DH-mini is a broadband UV-Vis- NIR light source with intense output from 200 – 2500 nm in a compact package. Packed with features such as shuttering and remote control and with industry-leading output relative to size and cost, the DH-mini is an ideal choice for numerous applications in reflectance and absorbance spectroscopy. The DH-mini complements spectrometers and sampling accessories from Ocean Optics and is ideal for both research and OEM applications.

### High Intensity Deuterium Halogen Source

Despite its compact size the DH-mini produces strong output across the UV-Visible and near-IR from 200-2500 nm. The DH-mini enables applications that are otherwise challenging for compact light sources, such as fiber probe-based reflection measurements where throughput is a challenge. Absorption and transmission measurements with opaque or optically dense samples also benefit from the high intensity of the DH-mini.



### Ultimate Ease of Use

The DH-mini is packed with features that make it easy to use. The tungsten and deuterium source bulbs can be turned on and off individually, limiting stray light in challenging measurements. An internal shutter can be opened and closed using simple buttons with LED indicators on the front panel. For automated processes or remote measurements, a TTL signal also can be used to control all functions.

### A Small Broadband Source, Ideal for Integration

The DH-mini has been designed with OEM integration in mind. Not only does it provide high power from a small footprint, it also makes integration a breeze with full remote control of all functions via a 15-pin TTL connector. Galvanic isolation of the TTL pulse provides reliable performance in complicated environments like an electrically noisy production floor.

### At a Glance

Optical	
Spectral output:	200-2500 nm
Stability:	<0.2% (standard deviation for k=1)
Drift:	<0.1%/hour
Warm-up time:	6 minutes, dependent on ambient conditions.
Bulb lifetime (average/guaranteed*):	2,000 hours/1,000 hours
Output connector:	SMA 905
Power consumption:	12W
Size:	75 mm x 82 mm x 175 mm
Weight:	0.5 kg

**Features**

- TTL remote control
- Auto-shuttering
- Individual bulb control
- Variable intensity halogen bulb

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