

Deuterium-Tungsten Spectroscopy Illuminator

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⊖ 1 ⊕ C\$7,056⁰⁰

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General

Deuterium-Tungsten Illuminator **Type:**

DH-2000-BAL **Model Number:**

Power supply and integrated shutter included. **Note:**

1000 **Operating Lifetime (hours):**

Physical & Mechanical Properties

5.5 **Weight (kg):**

Optical Properties

210 - 2500 **Wavelength Range (nm):**

Electrical

TTL, Up to 2.5 Hz maximum **Trigger:**

Deuterium: 194
Tungsten Halogen: 615 **Output Power (µW):**

Hardware & Interface Connectivity

SMA905 **Connector:**

85–264 V 50/60 Hz **Power Requirement:**

Environmental & Durability Factors

5 to 35 **Operating Temperature (°C):**

5–95% without condensation at 40°C **Operating Humidity:**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 250:**

Product Details

- Stable, High-Quality Output Across Broad Wavelength Ranges from 185–2500 nm
- Deuterium-Tungsten, Xenon, Tungsten-Halogen Lamp Types Available
- Fully Compatible with Ocean Optics Spectrometers and Accessories

Ocean Optics Spectroscopy Illuminators offer a flexible range of UV–NIR light sources to pair with Ocean Optics spectroscopy systems. Choose from Tungsten-Halogen for stable VIS–NIR output (360–2400nm), Xenon for high-intensity, pulsed broadband UV–NIR illumination (185–2500nm), or Deuterium-Tungsten for continuous coverage from deep UV through NIR (210–2500nm). Typical applications include reflectance, transmittance, absorbance, and fluorescence measurements where reliable, well-matched illumination is essential. Ocean Optics Spectroscopy Illuminators are designed for lifetimes of up to 10,000 hours and feature SMA fiber connections.