

Deuterium-Tungsten Spectroscopy Illuminator

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C\$6,510^{.00}

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SPECIFICATIONS

General

Deuterium-Tungsten Illuminator

Type:
Model Number:

DH-2000-BAL	
Note: Power supply and integrated shutter included.	
Operating Lifetime (hours): 1000	
Physical & Mechanical Properties	
Weight (kg): 5.5	
Optical Properties	
Wavelength Range (nm): 210 - 2500	
Electrical	
Trigger: TTL, Up to 2.5 Hz maximum	
Output Power (μW): Deuterium: 194 Tungsten Halogen: 615	
Hardware & Interface Connectivity	
Connector: SMA 905	
Power Requirement: 85–264 V 50/60 Hz	
Environmental & Durability Factors	
Operating Temperature (°C): 5 to 35	
Operating Humidity: 5–95% without condensation at 40°C	
Regulatory Compliance	
RoHS 2015: Compliant	
Certificate of Conformance: View	
Reach 250: Compliant	

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.