

Deuterium-Tungsten Spectroscopy Illuminator

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€4.650^{.00}

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SPECIFICATIONS

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	
SMA 905	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.