ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

C E R T I F I C A T E

No. Z2 095104 0027 Rev. 00

Holder of Certificate: **Ocean Optics Inc.**
3500 Quadrangle Blvd
Orlando FL 32817
USA

Certification Mark:

UK EU

Product: Electrical equ. for measurement, control and laboratory use
Light Source

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 72129632-300

Valid until: 2030-01-26

Date, 2025-01-28

(William Stinson)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Product Service

C E R T I F I C A T E

No. Z2 095104 0027 Rev. 00

Model(s): **HG-2, XE-2, NE-2, AR-2, KR-2,**
XHG-2, XXE-2, XNE-2, XAR-2, XKR-2

Brand Name: **OceanOptics**

Parameters: Rated Input Voltage: 5 V DC
Rated Input Power: 10W (External)
Degree of Protection: IPX0
Ambient Temperature: 35°C (Max)
Internal: 3.7 VDC, 2600 mAh Battery

Model Differences

- Models HG-2, XE-2, NE-2, AR-2, KR-2 are light source units offering wavelength calibration for UV to NIR spectrophotometric systems.
- They have the same enclosure profile and circuits for performing fast, accurate spectrometer wavelength calibrations.
- The only model difference between those models is the type of bulb used.
- Models XHG-2, XXE-2, XNE-2, XAR-2, XKR-2 which are exactly the same as models HG-2, XE-2, NE-2, AR-2, KR-2 respectively except that no battery is installed in those units
- Each member of the product line produces distinct lines for calibration as shown below.

Product	Bulb Type	Wavelength Range
AR-2, XAR-2	Argon	696 – 1704 nm
HG-2, XHG-2	Mercury Argon	253 – 1700 nm
KR-2, XKR-2	Krypton	427 – 893 nm
NE-2, XNE-2	Neon	540 – 754 nm
XE-2, XXE-2	Xenon	916 – 1984 nm

Tested according to: EN 61010-1:2010/A1:2019
BS EN 61010-1:2010/A1:2019

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