

PRESS RELEASE**Spectral Evolution launches the NaturaSpec™ Ultra: Pushing the Limits of Spectral Analysis for Remote Sensing**

Herrsching am Ammersee, October 24, 2024 – Spectral Evolution, leading manufacturer of field-portable spectroradiometers, has launched the NaturaSpec™ Ultra instrument. It is an ultra-high-resolution, high-sensitivity spectroradiometer engineered specifically for use in the field.

The NaturaSpec™ Ultra offers the highest spectral resolution of any full-range field spectroradiometer. This cutting-edge instrument enables field validation and calibration of even the highest-resolution hyperspectral cameras and satellites. It collects lab-quality hyperspectral data over the full spectral range of 350 nm to 2500 nm. With its field-rugged design, no moving optical parts, and a stainless-steel clad fiber optic cable NaturaSpec™ Ultra is the optimal tool for building high-resolution libraries and advancing spectral analysis for many remote sensing applications, including environmental monitoring, climate change research, crop and soil science, agriculture, carbon studies, geological mapping, ground truthing.

This instrument joins Spectral Evolution's remote sensing series of field-portable spectroradiometer models, including the NaturaSpec, RS-3500, PSR+, PSR-1100f, and the RS-8800.

About SphereOptics:

SphereOptics GmbH was founded in 2003 and is based in Herrsching (Munich/Germany) is a leading supplier of specialist optical equipment and services in the field of photonics. It specializes in manufacturing and calibration of optical materials and standards for diffuse transmission and reflection. Additionally, the company offers measurement systems tailored for a wide range of light measurements and remote sensing applications. SphereOptics is proud to hold ISO 9001 and ISO 17025 certification. Our DAkkS accreditation to ISO 17025 emphasizes the high quality and reliability of our measurement services for spectral reflectance.

About Spectral Evolution:

Spectral Evolution is the leading manufacturer of laboratory and field- portable UV-Vis-NIR spectrometers and spectroradiometers based in Haverhill, Massachusetts, USA. Thanks to their reliable, robust, and rugged design and user-friendly one-touch features, Spectral Evolution instruments are used worldwide for many mission-critical lab and field applications in mining, remote sensing, vegetative studies, ground-truthing, environmental and climate studies, satellite calibrations, and more.

Contact:

SphereOptics GmbH
Gewerbestraße 13
82211 Herrsching, Germany
Tel.: +49 8152 9837890
info@sphereoptics.de
www.sphereoptics.de



Image 1: NaturaSpec™ Ultra Spectroradiometer / ©Spectral Evolution



Image 2: NaturaSpec™ Ultra spectroradiometer in the field/ ©Spectral Evolution