

Asd Handheld Portable Spectrometer



AI Overview

The ASD QualitySpec Trek is a handheld, full-range portable spectrometer delivering fast, accurate, and non-destructive spectral measurements in the field.

Overview

ASD handheld spectrometers, including the QualitySpec Trek, are designed for real-time, high-precision spectral analysis across visible (UV/Vis), near-infrared (NIR), and short-wave infrared (SWIR) wavelengths, typically covering 350 nm to 2500 nm . These instruments are rugged, portable, and cable-free, making them ideal for fieldwork, laboratory use, and industrial applications . They combine fast data acquisition with a streamlined workflow, allowing users to obtain accurate spectral results in seconds.

Key Features

- Full-range spectral coverage: UV/Vis/NIR/SWIR (350–2500 nm) for comprehensive material and mineral analysis .
- Portability: Handheld design with cable-free operation, optimized for field use and rapid deployment .
- Rugged construction: Built to withstand harsh environmental conditions, including mining and exploration sites .
- Ease of use: One-pull trigger operation and intuitive software interface for quick spectral acquisition .
- Non-destructive analysis: Suitable for minerals, soils, and other materials without sample preparation .

Article Content

ASD FieldSpec HandHeld 2 User Guide | Malvern Panalytical

Access the ASD FieldSpec HandHeld 2 User Guide. A portable spectroradiometer that performs rapid, precise, non-destructive and

ASD QualitySpec Trek Portable Spectrometer – Prolab Systems

With one pull of the trigger this hand-held, full-range, and portable spectrometer delivers accurate spectral results in seconds. By

ASD QualitySpec Trek Handheld Spectrometer

ASD QualitySpec Trek Handheld Spectrometer The portable, full-range, all-purpose ASD QualitySpec Trek spectrometer measures

ASD QualitySpec Trek Portable Spectrometer

ASD QualitySpec Trek redefines true instrument field-portability while maintaining the highest standards of

ASD TerraSpec | Portable & Handheld Mineral NIR Analyzers

The ASD TerraSpec range provide portable, rapid and non-destructive analysis of minerals in the lab or the field.

ASD HandHeld 2

Discontinued for sale. The ASD FieldSpec® HandHeld 2 hand-held spectroradiometer is the low-cost, easy to use, visible-near

ASD Portable Spectrometers & Spectroradiometers

ASD spectrometers and spectroradiometers provide state-of-the-art, real-time performance. These instruments, when combined with

ASD FieldSpec® HandHeld 2™ Portable Field

The ASD FieldSpec® HandHeld 2™ is a high-performance, field-deployable spectroradiometer engineered

ASD HandHeld 2: Hand-held VNIR Spectroradiometer

The Handheld 2 is a versatile and durable hand-held spectroradiometer that utilizes the ASD FieldSpec 4 VNIR spectrometer for

FieldSpec HandHeld 2 Portable Spectroradiometer

More about the HandHeld 2 Spectroradiometer Using ASD's cutting-edge VNIR spectroscopy for real-time non-destructive sampling,

Spectroradiometers

For more than 25 years, ASD's FieldSpec®, TerraSpec®, and LabSpec® instruments have set the standard for near-infrared (NIR)

Spectrometer/Spectro-radiometer

The Malvern ASD Series Spectrometers are advanced instruments designed for high-precision spectral analysis across a wide range

ASD HandHeld 2 Pro: VNIR Hand-held Spectroradiometer

The ASD FieldSpec HandHeld 2 Pro hand-held spectroradiometer offers greater sensitivity over the standard ASD HandHeld 2

ASD FieldSpec® 4 Standard-Res Spectroradiometer

The 3 nm VNIR, 10 nm SWIR spectral resolution of the FieldSpec ® 4 Standard-Res portable spectroradiometer is suitable for

New FieldSpec HandHeld 2 Portable Spectroradiometer

The HandHeld 2 from ASD Inc. is the latest in compact remote sensing technology using cutting-edge, near-infrared

Portable handheld spectrometers

State-of-the-art, real-time spectral performance and with rugged with wireless capabilities; ASD NIR spectrometers and

ASD Terraspec 4 SWIR/NIR Instrument

Recognised as the de facto NIR spectrometer technology, the portable TerraSpec 4 ASD is a user-friendly and rapid system for

ASD QualitySpec Trek

Das tragbare ASD QualitySpec Trek-Spektrometer liefert präzise Spektralmessungen im gesamten Bereich über ein Handgerät, das

Contact Us

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