

Tuvalu Dual-Channel Spectrometer



Overview

Dual-channel spectrometer based on a shared BSI-CMOS detector — 200–950 nm coverage, sub-0.1 nm resolution — ideal for multi-source spectral analysis. Sometimes a single-channel spectrometer is not enough, for example, when you want higher resolution or perform two redundant measurements simultaneously. Thanks to an imaging spectrometer with broadband spectral range, low resolution and a customized fiber bundle, the HORIBA OEM multi-channel spectrometers provide. The AvaSpec-256 Fiber Optic Spectrometer is based on the AvaBench-45 symmetrical Czerny-Turner design with 256 pixel CMOS Detector Array. The spectrometer has a fiber optic entrance connector (standard SMA, others possible), collimating and focusing mirror and diffractive grating.



Article Content

Dual Channel | Anglia Instruments | Spectrometers & Fibre Optics

Dual channel UV, VIS, NIR spectrometers are ideal for measuring a reference light source and applying corrections during the measurement.

Spectrometers

Spectrometers - Multi-channel spectrometers HORIBA designs and manufactures a large range of custom OEM multi-channel spectrometers with up to 96 channel measurement simultaneously.

Optical spectrometer

Sometimes a single-channel spectrometer is not enough, for example, when you want higher resolution or perform two redundant measurements simultaneously. The AvaSpec dual-channel spectrometers

Dual-Channel Spectrometers

Sometimes a single-channel spectrometer is not enough, for example, when you want higher resolution or perform two redundant measurements simultaneously. The AvaSpec dual-channel spectrometers

Multi-channel spectrometer

Find your multi-channel spectrometer easily amongst the 41 products from the leading brands (Shimadzu, Bruker, Malvern Panalytical, ...) on DirectIndustry, the industry specialist for your

Spectral Imaging with a Dual-Channel BSI-CMOS

Dual-channel spectrometer based on a shared BSI-CMOS detector — 200–950 nm coverage, sub-0.1 nm resolution — ideal for multi-source spectral analysis.

Dual-channel Raman spectrometer device based on multi-field-of-view ...

This technology, based on the Czerny-Turner structure and utilizing the multi-field-of-view theory, can simultaneously detect two different monitoring points. Each point possesses a complete

Dual-channel spectrometer

Find your dual-channel spectrometer easily amongst the 5 products from the leading brands (Avantes, CIQTEK, Shimadzu, ...) on DirectIndustry, the industry

6-75 Spectrometers.pdf

AvaSpec Multi-Channel Spectrometer Do you need more precise measurements over a broad range? Or multiple measure-ments at the same moment for process control? AvaSpec multi-channel

Compact two-channel spectrometer S150 Duo • SOL

Two-channel spectrometer S150 Duo is designed for spectral analysis of electromagnetic radiation and wavelength measurements of lasers.

S150 Duo: Compact Two-Channel Spectrum Analyzer

S150 Duo: Compact Two-Channel Spectrum Analyzer The S150 Duo spectrometer from SOL instruments is designed for spectral analysis of electromagnetic radiation, for precise

Multichannel Spectrometer System | StarLine | Avantes

Ordering Information ... Dual-Channel Spectrometers More information CompactLine spectrometers In applications where size matters, the CompactLine with its

Dual-channel Raman spectrometer device based on multi-field-of-view ...

A dual-channel Raman spectrometer was designed by adjusting the structural parameters through the multi-field-of-view theory. By rearranging the optical fiber in the direction of the slit length,

Multi-channel-Spectrometer | CNILaser

Multi-channel Spectrometer CNI developed Rainbow series Multi-channel spectrometer with the features of wide spectral range and high resolution. With synchronous delay device to ensure synchronous

Revision of an open-split-based dual-inlet system for elemental and ...

Abstract. In this work, we present a revision of an open-split-based dual-inlet system for elemental and isotope ratio mass spectrometers (IRMSs), which was developed by the division of Climate and

High-Density Arrayed Spectrometer with Microlens

To enable multi-channel parallel spectral analysis in array-based devices such as micro-light-emitting diodes (Micro-LEDs) and line-scan spectral

emission spectrometers Companies and Suppliers serving ...

FPI - Model EXPEC-6500 - Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) The EXPEC-6500 inductively coupled plasma optical emissionspectrometer adopts a with newly

AvaSpec Dual-Channel Fiber-optic Spectrometer

Sometimes a single channel spectrometer is not enough, for example when you want higher resolution or to do two redundant measurements at the same time. The AvaSpec dual channel spectrometers

AvaSpec-256 Fiber Optic Spectrometer

The AvaSpec-256 is also available as dual channel or multiple channel instrument (up to 8 channels), where all spectra are taken simultaneously. The AvaSpec-256 comes with AvaSoft-basic, a complete

AvaSpec Dual-Channel Fiber-optic Spectrometer

Dual-channel AvaSpec-USB2 Fiber-optic Spectrometer with 2 channels with different detectors in one housing, including synchronization cable. For both channels specify Detector type MMMM and SSSS

Spectrometers

Optical spectroscopy measures light in the ultraviolet (UV), visible (Vis), and near-infrared (NIR) regions of the electromagnetic spectrum to analyze materials

Dual-channel polarization imaging spectrometer

A static dual-channel polarization imaging spectrometer which can simultaneously acquire inphase and antiphase interference images by using a single CCD camera is presented

AvaSpec Multichannel Fiber Optic Spectrometers

AvaSpec -USB1.1 platform The AvaSpec USB1.1 platform Fiber Optic Spectrometers can be configured as single, dual, triple, quadruple or multi-channel instrument with up to 8 different spectrometer

FLASH $\hat{+}$ —A Dual-Channel Wide-Band Spectrometer for APEX

FLASH+ —A Dual-Channel Wide-Band Spectrometer for APEX Abstract: We report on the design and on-site performance of the recently upgraded FLASH + instrument operated at the

Dual Channel Spectrometer | StarLine | Avantes

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64 channel fiber optic spectrometer for a dual wavelength ...

As part of a fiber optic, interferometric pressure sensing array system for hypersonic wind tunnel studies, a 64 channel spectrometer has been developed to separate the return signals by both position and

Multi-Channel CCD Spectrometers

Irradiance calibration service Optical spectrometers Cosine corrector Cuvette holders White reflectance standards Fiber optics collimators Full-spectrum LED

Dual Channel Airborne tunable diode Laser Spectrometer

The instrument uses two-tone frequency modulation (TTFM) with signal detection at approximately equals 12 MHz. Multiplexing is achieved using

Avantes SenseLine : AvaSpec-ULS2048XL-EVO | EINST Technology

The AvaSpec-ULS2048XL is also available in dual or multi-channel versions (up to 10 spectrometers), where all spectra are acquired simultaneously.

Contact Us

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