

1-meter Spectrometer



Overview

0 meter focal length and the normal incidence design eliminates all other optics except the grating in use. With the proper gratings selected it covers the wavelength range between 30 and 1200 nm. It offers horizontal aperture ratio of $f/10.4$ with a 56 x 96 mm wide. It features 1.4 with a 56 x 96 mm wide. Model 2061 Czerny-Turner Monochromator Higher Resolution and Throughput The 1-meter focal length Model 2061 provides the traditional blend of throughput and spectral resolution.

Spectrometer is a broad term often used to describe instruments that measure a continuous variable of a phenomenon where the spectral components are somehow. SOL instruments offers a unique selection of spectral devices for research in the field of spectroscopy and spectrometry: classical Imaging monochromator-spectrographs with focal length from 200 mm to 1 meter; multifunctional compact spectrometers; automated double monochromators for separation of. The ILT960-NIR is a portable mini spectrometer optimized for VIS-NIR light applications with NIST traceable ISO/IEC 17025:2017 Accredited Calibration. All systems come standard with SpectrLight III software, 1 meter long fiber, input optic, tripod, and protective storage case.



Article Content

McPherson, Inc.

It features 1.0 meter focal length and the normal incidence design eliminates all other optics except the grating in use. With the proper gratings selected it covers the wavelength range between 30 and

1m High-throughput High-resolution Monochromator | McPherson

The 1-meter focal length Model 2061 provides the traditional blend of throughput and spectral resolution. These instruments are staples of laboratory and experimental spectroscopy.

Optical spectrometer

The spectrometer uses a prism or a grating to spread the light into a spectrum. This allows astronomers to detect many of the chemical elements by their

What is a Spectrometer?

Raman Spectrometer Raman spectrometers are used to measure the Raman scattering of light from a sample. The design of a typical Raman

What is a Spectrometer? Types and Uses

What is a Spectrometer? Types and Uses : Labotek spectrophotometer takes measurements in the wavelength range from 200 to 1100 nm.

Spectrometers

Spectrometers are devices for separating spectral components and measuring them. They can use diffraction gratings or prisms, interference effects or other

ILT960-NIR Portable Spectroradiometer

The ILT960-NIR is a portable mini spectrometer optimized for VIS-NIR light applications with NIST traceable ISO/IEC 17025:2017 Accredited Calibration. All

What is a Spectrometer?

How does an Optical Spectrometer work? The goal of any optical spectrometer is to measure the interaction (absorption, reflection, scattering) of

Spectrometers, monochrometers and spectrographs

A spectrometer separates an incoming light source into its spectral components, while measuring the outgoing light intensity emitted by a substance over a broad

Spectro 1 Pro Spectrophotometer Paint Color Matching

Spectro 1 Pro Spectrophotometer Paint Color Matching Tool with Charging Cable & Carrying Pouch, Portable Color Reader, Colorimeter

Spectrometer

Strictly speaking, a spectrometer is any instrument used to view and analyze a range (or a spectrum) of a given characteristic for a substance (for example, a

Spectrometer

A spectrometer is a scientific instrument used to separate and measure spectral components of a physical phenomenon. Spectrometer is a broad term often used to describe instruments that measure a continuous variable of a phenomenon where the spectral components are somehow mixed. In visible light a spectrometer can separate white light and measure individual narrow bands of color, called a spectrum. A mass spectrometer

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Portable & Handheld Spectrophotometers Lightweight and portable, handheld spectrophotometers offer the convenience of bringing the device to the sample.

Spectrometers

Compact, versatile spectrometers covering UV, Visible and NIR wavelengths are available for lab, field and process solutions.

Amazon : Spectrometers

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Instruments for spectroscopy and spectrometry

This series includes two groups: medium-focus high-aperture small-sized devices; and long-focus - more than half a meter - high-resolution devices with a wide flat

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AURA® handheld NIR is a portable spectrometer system, which enables measurements to be taken directly on site, suitable for a variety of applications.

Spectrometer Modules | UV-NIR spectrometers from

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For more information, pricing, or custom solutions, please contact us:

Website: <https://www.truhope.co.za>

Email: sales@truhope.co.za

Phone: +27 64 987 3021

Address: 22 Loop Street, Cape Town, 8001, South Africa

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