

Princeton Raman Spectrometer





Overview

It uses an f/2 spectrograph with custom-designed lens optics and provides spectral resolution up to 5 cm^{-1} . An Oxford liquid helium cryostat is installed on this instrument for low temperature sample handling down to 10K. TriVista is the only triple spectrometer on the market that can switch between additive and subtractive modes with a single mouse click. Designed to solve critical spectroscopy applications requiring high-resolution and stray light reduction, the TriVista system from Princeton Instruments provides researchers with the most flexible and high-performance system on the market today.



Princeton Raman Spectrometer

Singh Center for Nanotechnology

Princeton Instruments TriVista Spectrometer with Si and InGaAs array detectors The TriVista system is a triple spectrometer that has multiple input and detection ports that we can configure to provide

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Princeton Instruments Confocal Raman Systems brochure

MonoVista CRS offers confocal Raman and luminescence imaging and mapping in the same platform as TriVista CRS. This is ideal for users that do not require TriVista's flexibility, resolution, and high stray

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Compact, research-grade Spectroscopy system

Princeton Instruments introduces a compact, research-grade spectroscopy system that delivers aberration-free imaging and can be set up for a multitude of different experiments in minutes.

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The system includes a 785 nm Raman probe, a universal fiber adaptor, a manual adjustable slit, and a high-power and temperature-stabilized 785 nm laser. The TPIR-785 Raman

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Reservations

Operation of a Raman Spectrometer (Horiba) Raman spectroscopy is a light scattering



technique, and can be thought of in its simplest form as a process where a photon of light interacts with a sample to

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Teledyne Princeton Instruments Raman spectrometer

The TPIR-785 Raman spectrometer is optimized for the near-infrared region. It uses an f/2 spectrograph with custom-designed lens optics and provides spectral

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Teledyne Princeton Instruments introduces Raman spectrometer for

TRENTON, N.J., June 09, 2020 (GLOBE NEWSWIRE) -- Teledyne Princeton Instruments, a Teledyne Technologies [NYSE:TDY] company, and world-renowned manufacturer of scientific imaging and

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Isoplane

The IsoPlane® is the best imaging spectrometer in its class. With a unique optical design, it completely eliminates astigmatism across the focal plane for superior multichannel

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TriVista

Find out all of the information about the Princeton Instruments Acton product: Raman spectrometer TriVista. Contact a supplier or the parent company directly to get a

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Teledyne Princeton Instruments , Teledyne Vision Solutions

Teledyne Princeton Instruments design and manufacture high-performance



spectrometers, as well as CCD, sCMOS, ICCD, EMCCD, emICCD and InGaAs cameras, all optics-based solutions for

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Other Spectroscopy

Available for use is a Thermo Scientific DXR Smart Raman instrument with a 780 nm HP laser. There are two Agilent instruments available, a Cary Eclipse Fluorescent Spectrometer and a diode array

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RAMAN SPECTROMETER , Teledyne Princeton Instruments , New

Princeton Instruments and Acton Research Corp. have created the TriVista triple Raman spectrometer with an optimal working range from 250 to 1050 nm and typical spectral resolution of

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<https://zeldaterblanchephotography.co.za>