PD Spectrometer



Overview

0ml Flexible power source Power requirement is flexible from 100 to 240V AC Halogen lamp Long life span of light source (approx 2,000hours) Selection of wavelength Auto selection of wavelength using motor Square, Round cuvette usable Square and round cuvette. Minimum sample volume is 1. The innovative T-R-T design provides the flexibility of highly customizable wavelength ranges. You can choose the range in the VIS or. The Phekda & Phekda-NIR (PD & PD-NIR) from OtO Photonics is a Spectrometer with Wavelength Range 535 to 1578 nm. Get product specifications, Download the. The Shimadzu PDA-7000 is high performance optical emission spectrometers, utilizing the PDA method as standard, which enhances the accuracy and reliability of analysis. The PDA method, combined with excellent hardware quality, make the PDA-7000 suitable for any application in metal analysis. They. We use intensity modulated laser sources throughout the visible and near infrared spectral range with modulation frequencies from 10 MHz well beyond 1 GHz to generate Photon Density Waves in strongly light scattering materials.

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Article Content

Sep 09, 2025

Phekda & Phekda-NIR (PD & PD-NIR)

Get product specifications, Download the Datasheet, Request a Quote and get pricing for Phekda & Phekda-NIR (PD & PD-NIR) on GoPhotonics.

Dec 05, 2025

Portable & Handheld Spectrophotometers | Learn More

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

Feb 12, 2026

Mass spectrometry methods and mathematical PK/PD model for

Here, the authors demonstrate a mass spectrometry (MS) assay to measure target engagement of any drug-target protein complex, a universal PK/PD model for covalent drugs, and a

Oct 09, 2025

File:Ein pd (pure devices) MagSpec NMR Spektrometer (23 MHz).jpg

Captions Captions English Add a one-line explanation of what this file represents German Ein pd (pure devices) MagSpec NMR Spektrometer (23 MHz)

Aug 27, 2025

Technology – PDW Analytics GmbH

Detection and analysis of PDWs in terms of amplitude and phase with respect to modulation frequency and source-detector distance allow for the precise determination of fundamental optical properties of

Jul 30, 2025

Spectrometer

View and download Spectrometer manuals for free. MOLECULAR PROPERTY SPECTROMETER A2L Series instructions manual.

Mar 25, 2026

Student Spectrometer Manual

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Equipment The PASCO scientific Model SP-9268A Student Spec-trometer provides precise spectroscopic measurements using either a prism or a diffraction grating as the dif-fracting element.

Feb 09, 2026

LCD-1308-P draft

Based on JASCO''s experience in CD instrumentation over a half century, JASCO proudly introduces the J-1000 Series Circular Dichroism (CD) Spectrometers providing both unparalleled optical

Oct 14, 2025

Spectrometer Design Guide

Basically, a spectrometer is an optical system consisting of two lenses/mirrors that produces an image of the input slit on the detector. In between the lenses/mirrors is placed a diffraction grating which

Jan 07, 2026

PD_307_EN

The PD & PD-NIR Series is a compact spectrometer with an embedded microcontroller and supports USB data transfer. This section provides the computer programming details on how to control the PD

Oct 14, 2025

Basics of Spectroscopy Dec 2006

A spectrometer that uses an interferometer in the place of a prism or diffraction grating makes use of the principles of interferenceof light. An interferometer spectrometer provides the ultimate in wavelength

Apr 02, 2026

HLD PD03 Portable Dry Helium Leak Detector

The Agilent HLD PD03 dry leak detector uses a mass spectrometer tuned to detect helium, which is used as a tracer gas to locate and/or measure very small leaks

Jun 10, 2026

Spectroscopy and Spectrophotometry: Principles and Applications for ...

Abstract Spectrophotometry and different types of spectroscopy are the technique that involved in identifying and quantifying the amount of a known substance in an unknown medium. Spectroscopy

Apr 29, 2026

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PDA-7000

The PDA-7000 is high performance optical emission spectrometers, utilizing the PDA method as standard, which enhances the accuracy and

Feb 01, 2026

MSE PRO Advanced Portable Grating Spectrophotometer, Si PD

Buy Laboratory Advanced Portable Grating Spectrophotometer, with Silicon Photodiode Detector with the best value at MSE Supplies, trusted by 20,000+ scientists and engineers worldwide. It conforms

Apr 05, 2026

APD vs PMT and Beyond: Flow Cytometry Light Detectors

Explore our guide to different light detector types in flow cytometry, including how to choose, APD vs PMT and more.

Jan 14, 2026

Spectrophotometer (PD-303)

Home | Products | PD-303 Spectrophotometer (PD-303) Small sample volume Long lamp life Square, Round cuvette usable Flexible power source

May 04, 2026

M.Sc. II Semester SPECTROSCOPY-I

known by the name spectroscopy. By this branch of science, we can gain knowledge about atomic and molecular structure along with measurement of energy difference between different nergy level within

Jan 24, 2026

Spectrophotometry

Spectrophotometry is a branch of electromagnetic spectroscopy concerned with the quantitative measurement of the reflection or transmission properties of a material

Aug 18, 2025

OtO Photonics Phekda Spectrometer PD1080-010-V26

These ultra-high-resolution general-purpose micro-spectrometers featuring a T-R-T (transmissive-reflective-transmissive) optical design with resolutions up to 0.1nm.

Aug 05, 2025

Introduction To Spectroscopy, 5th Edition

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Spectroscopy Collection folkscanomy_science; folkscanomy Language English Item Size 454.2M Introduction To Spectroscopy, 5th Edition

Jul 07, 2025

Point discharge molecular emission spectrometer as a highly sensitive ...

Herein, a point discharge molecular emission spectrometer (PD-MES) was developed as a universal GC detector for the highly sensitive determination of furan and its derivatives in food by

Dec 01, 2025

A colloidal quantum dot spectrometer

An efficient, cost effective microspectrometer that consists of a two-dimensional absorptive filter array of 195 different colloidal quantum dots is

Apr 17, 2026

Research spectrometer

Find out all of the information about the Apel product: research spectrometer PD-307. Contact a supplier or the parent company directly to get a quote or to find

Aug 09, 2025

Phekda (PD) series

Contact OtO or your local distributor to discuss optimization PD Series Wavelength Response with Halogen Lamp PD1050

Feb 12, 2026

Pd nanoparticle growth monitored by DRIFT

Synchrotron-based X-ray absorption spectroscopy and scattering are known in situ probes of metal nanoparticles (NPs). A limited number of laboratory techniques

Jan 03, 2026

Principles of Spectroscopy

Spectrometers are equipped with a broadband light source, which yields a continuous, infinite number, of wavelengths, as shown in the figure on the left. The interferogram is the continuous sum, i.e. the

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