

# Spectrometer Indexer





## Overview

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This tool quickly identifies unknown peaks using a rich database of common functional groups and their signature absorption frequencies (in wavenumbers). Key Insight: IR spectroscopy measures the vibrational frequencies of chemical bonds. Online Spectral Database: Quick access to millions of NMR, IR, Raman, UV-Vis, and Mass Spectra. Electron Backscatter Patterns (EBSP) acquired on NORDIF EBSD systems can be indexed by the EBSP Indexer, a free indexing software which is compatible with Windows 10/11 and MacOS. From specialized import options to tools specifically designed for efficient peak and baseline analysis, Origin offers full-fledged support for those who use spectroscopy, chromatography and related techniques: Origin's many ASCII import options.



## Spectrometer Indexer

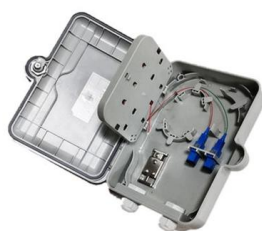
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### Spectrometry

The Wireless Spectrometer measures emission spectra, intensity, absorbance, transmittance, and fluorescence. It easily connects to students' devices and

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### IR viewer

Find the structure from  $^1\text{H}$  spectrum.  $^1\text{H}$  exercise generator.  $^1\text{H}$  NMR basic structure assignment. Assign  $^1\text{H}$  NMR spectra to molecule.  $^{13}\text{C}$  NMR.  $^1\text{H}$  NMR spectra of small molecules.  $^1\text{H}$  NMR spectra of

### Indexing by free software

Electron Backscatter Patterns (EBSP) acquired on NORDIF EBSD systems can be indexed by the EBSP Indexer, a free indexing software which is compatible with Windows 10/11 and MacOS.

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### Introducing SpectraFit: An Open-Source Tool for

In chemistry, analyzing spectra through peak fitting is a crucial task that helps scientists extract useful quantitative information about a sample's

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### Molecular Spectroscopy

Discover the power of molecular spectroscopy with Shimadzu's cutting-edge products. Enhance your research and analysis capabilities today.

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### Spectragryph

Spekwin32 is the previous spectroscopy software developed from 2000 - 2016 by the same author. Just like Spekwin32, Spectragryph is free in the standard version

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### SPECTRO MIDEX XRF Spectrometer

The SPECTRO MIDEX Precious Metals XRF spectrometer was developed for the advanced elemental analysis of precious metals. Find out more here.

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## FTIR SPECTROSCOPY REFERENCE GUIDE

Infrared spectroscopy is the study of the interactions between infrared electromagnetic energy and matter. The technique of infrared spectroscopy measures the vibrations of molecules, allowing for

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## Infrared Frequency Lookup Tool

Our lookup chart is designed to provide insight into unknown peaks in your IR spectrum. It contains common functional groups along with their characteristics.

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## IR Spectrum Analyzer

Advanced IR Spectrum Analyzer to interpret infrared spectroscopy data and identify functional groups in organic and inorganic compounds. Analyze characteristic absorption bands, assign spectral peaks to

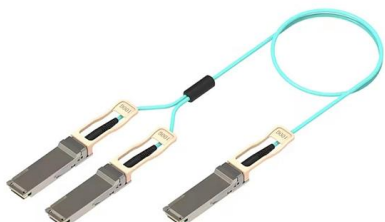
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## Spectrometer

A spectrometer is an instrument used in spectroscopy that consists of a radiation source, a monochromator, and a transducer. It emits radiation of various frequencies within a specific region of

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**PDIndexer/README.md at master · seto77/PDIndexer · GitHub**

PDIndexer is an analysis software for powder diffraction studies. PDIndexer runs on Windows OS with Desktop Runtime 10.0 (not Runtime 10.0), which can be installed from here. Access

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**Origin for Spectroscopy**

Several Origin features are useful for Spectroscopy. From specialized import options to tools specifically designed for efficient peak and baseline analysis, Origin offers

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**Spectrometer vs Spectrophotometer vs**

In the realm of spectral devices, three devices stand out: a Spectrometer, a Spectrophotometer, and a Spectroradiometer. However, these

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- 100KWH/215KWH
- LIQUID/AIR COOLING
- IP54/IP55
- BATTERY 6000 CYCLES

**Spectrophotometry**

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

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**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 range of

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### **Spektrometer**

Spektrometer - Die Grundlage eines spektralen Messsystems Mit optischen Spektrometern kann die spektrale Zusammensetzung von Lichtstrahlung analysiert werden. Zusammen mit Einkoppeloptiken

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### **PDIndexer , PDIndexer**

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### **Mass Spectrometry Data Center, NIST**

Mass Spectrometry Data Center - NEW The NIST Mass Spectrometry Data Center, a Group in the Biomolecular Measurement Division (BMD), develops evaluated mass spectral libraries and provides

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## Cary 5000 UV-Vis-NIR Spectrophotometer

The Cary 5000 UV-Vis-NIR spectrophotometer is a high-performance UV-Vis and NIR spectrophotometer with superb photometric performance in the 175-3300 nm

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## UV-Vis/NIR Spectrophotometers , V-700 Series , JASCO

Absolute Reflectance Measurement of a Highly Reflective Material by UV-Visible Spectroscopy  
V-750 UV-Visible/NIR Spectrophotometer  
Dielectric multilayer

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## Quantitative Hydrogen-Deuterium Exchange Mass

Hydrogen-deuterium eXchange mass spectrometry (HDX-MS) is increasingly used in drug development to locate binding sites and to identify allosteric effects in

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## SpectraBase

Online Spectral Database: Quick access to millions of NMR, IR, Raman, UV-Vis, and Mass Spectra.\* Registered users receive 5 free spectral views to explore SpectraBase. Learn more about our

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**seto77/PDIndexer**

PDIndexer is a specialized software application for analyzing powder diffraction data from X-ray, neutron, and electron diffraction experiments. This document provides a high-level overview of

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## **PRISM SPECTROMETER**

2. Theory The spectrometer is an instrument for analyzing the spectra of radiations. The glass-prism spectrometer is suitable for measuring ray deviations and refractive indices. Sometimes a diffraction

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<https://frindel.es>