

Online Analysis with Spectrometer





Overview

Advanced Spectroscopy Analyzer to interpret IR, NMR, Mass Spectrometry, and UV-Vis spectral data for molecular structure identification. Easily work with 7+ spectral types including UV/VIS, NIR, FTIR and Raman (LIBS, XRF, and fluorescence coming soon). ChemSpectra, a web-based software to visualize and analyze spectroscopic data, integrating solutions for infrared spectroscopy (IR), mass spectrometry (MS), and one-dimensional ^1H and ^{13}C NMR (proton and carbon nuclear magnetic resonance) spectroscopy, is described. This tool not only calculates concentration using standard methods but also helps you visualize the underlying principles and your data for greater insight and accuracy. Our most popular and powerful tools, handpicked for their exceptional quality and user satisfaction. Generate publication-quality X-ray diffraction plots with peak analysis, phase identification, and crystallographic analysis tools.



Online Analysis with Spectrometer

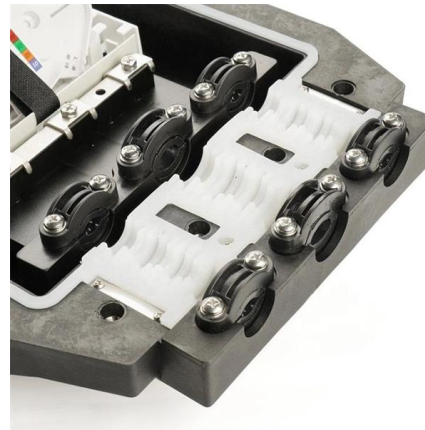


FT-IR Spectroscopy Mini-Tutorial: Principles, Practice,

These advantages have made FT-IR indispensable in materials science, chemistry, biopharmaceutical analysis, environmental monitoring, and

Spectrum Analyzer

Tool to perform spectral analysis of audio files (WAV, MP3, etc.) and display any hidden data in sound frequencies and their visualization.



Spectrophotometry Assistant

Calculate analyte concentration using Beer-Lambert Law or a Standard Curve with interactive visualizations. Calculate concentration when you know the molar extinction coefficient. Adjust

Google

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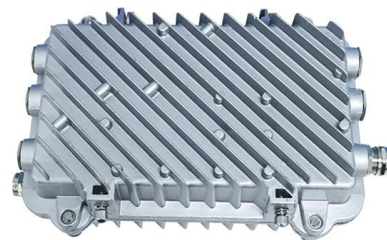
Hidden Analytical , Advanced Mass Spectrometry Solutions

Hidden Analytical designs & manufactures quadrupole mass spectrometers for gas analysis, electrochemistry, plasma, surface science & advanced research.



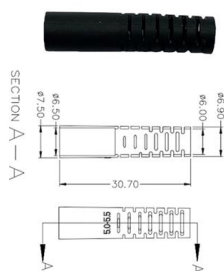
Sage Journals: Your gateway to world-class journal research

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.



app.speqle

app.speqle is THE easiest and most complete software to analyse optical spectroscopy data such as reflectivity, transmission, ellipsometry, Raman and SNOM. Easy-to-use for non-experts as well as





Spectroscopy Analyzer

Compare experimental spectra with reference databases and perform quantitative analysis for compound characterization. Essential for chemists, researchers, and students working with



FT-IR Spectroscopy Mini-Tutorial: Principles, Practice,

Fourier transform infrared (FT-IR) spectroscopy is a versatile, non-destructive analytical tool used to characterize molecular structures, monitor

Chromatography Online

Recent highlights in chromatography and mass spectrometry showcased advances in environmental monitoring, biomedical analysis, materials testing, textile safety,



Vernier Spectral Analysis

Collect, analyze, and share spectrometer data with our free app for ChromeOS(TM), iOS, Android(TM), Windows®, and macOS(TM).



Spectral Calculator: High-Resolution Gas Spectra

Accurate, rapid online simulation of high-resolution molecular spectra, and other spectroscopy tools for researchers, teachers and students.



Chemistry Tools

Generate professional FTIR spectroscopy plots with peak annotations, functional group identification, and analysis.

Thermal Desorption Hyphenated to Comprehensive Two-Dimensional

Traces were then analyzed by thermal desorption hyphenated to a comprehensive two-dimensional gas chromatography time-of-flight mass spectrometer. After identifying the compounds,



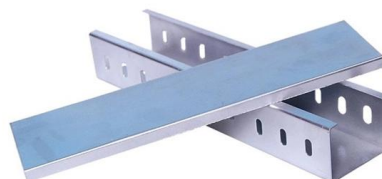
Shimadzu QP2010 Used Gas Chromatography-Mass Spectrometry

Overview The Shimadzu QP2010 is a high-performance, used gas chromatography-mass spectrometry (GC-MS) system engineered for routine and trace-level organic compound identification and



ChemSpectra: a web-based spectra editor for analytical data

ChemSpectra is a software to swiftly visualize and analyze analytical data, integrating solutions for IR (infrared spectroscopy), mass spectrometry (MS), and one-dimensional ^1H and ^{13}C NMR (proton

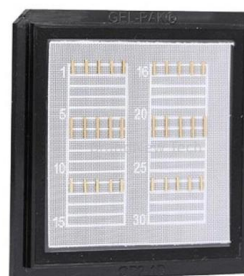


Synpec AA6810 Multi-Element Rapid Analysis Atomic Absorption

Overview The Synpec AA6810 Multi-Element Rapid Analysis Atomic Absorption Spectrometer is a dual-mode (flame and graphite furnace) atomic absorption system engineered for high-throughput, multi

Using Spectrometers with Spectral Analysis in a Browser

Spectral Analysis is our free application to collect, graph, and analyze data from spectrometers. You can run the application without installing anything on your device.



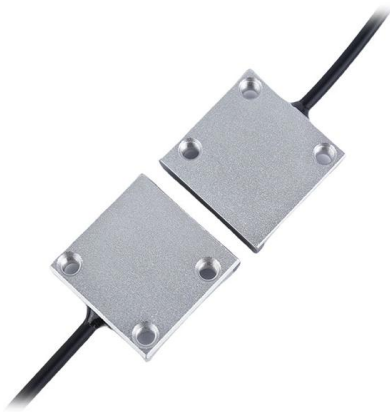
SCL Healthcare expands clinical trial analysis to include mass spectrometry

SCL Science announced on the 15th that the scope of designation for its subsidiary SCL Healthcare as a clinical trial specimen analysis institution has been expanded to include the "mass



LANScientific LIBS 5000 Online Laser-Induced Breakdown Spectroscopy

The LANScientific LIBS 5000 Online Laser-Induced Breakdown Spectroscopy Analyzer is an industrial-grade elemental analysis system engineered for real-time, in-situ monitoring of liquid-phase



Free Spectrogram Viewer , Online Audio Frequency Analyzer

Free online spectrogram viewer with multiple color schemes and FFT settings. Analyze audio files or live microphone input. No installation required.

Faster Circular Dichroism Settings for Protein and Biopharmaceutical

A recent study in Analytical Biochemistry identified optimized circular dichroism spectroscopy parameters that reduced protein analysis times by up to 20-fold while maintaining data



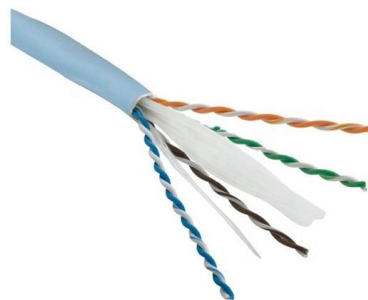
LANScientific LIBS 3000 Online Laser-Induced Breakdown Spectroscopy

Overview The LANScientific LIBS 3000 is an industrial-grade online Laser-Induced Breakdown Spectroscopy (LIBS) analyzer engineered for real-time elemental composition monitoring in



SPECTRIFY - Your New Spectral Suite

Effortlessly open and manage a wide variety of spectra. Streamline your analysis with intuitive processing tools. Stable, streamlined, and user-friendly. Supports



Spectroscopy Analysis Tool

Free AI-powered spectroscopy analysis tool for molecular structure prediction. Analyze Mass Spectrometry, IR, UV-Vis, Raman, and NMR spectroscopic data instantly.

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