

Spectrometer Model Specifications



Overview

Specifications of spectrometers vary depending on type of technique and model, but there are a few points of interest that are applicable across the board, including the instrument's spectral range, the dispersion of the grating or size of the spectra on the array; its. Specifications of spectrometers vary depending on type of technique and model, but there are a few points of interest that are applicable across the board, including the instrument's spectral range, the dispersion of the grating or size of the spectra on the array; its. Each is a device for isolating a relatively small portion of the entire spectrum. Thus, in this section discussing the descriptors, we use the terms filter and spectrometer interchangeably. Core components include UV (deuterium) and visible (tungsten/halogen) light sources, a. For Raman you can use our RamanShift calculator to convert back and forth between nm and cm^{-1} . So your final choice of spectrometer will depend on the importance of parameters. The JB Stothers NMR Facility in the Department of Chemistry at Western houses three liquids NMR spectrometers: the Bruker Avance III HD 400 (B400), the Bruker Neo 600 (B600), and the Varian Inova 600 (I600). A summary of the general features of the three current liquids NMR spectrometers is. The Thermo ScientificTM NicoletTM iSTM50 FTIR Spectrometer uniquely combines multi-tasking capabilities and high performance in an affordable, optimized footprint system. Extensive upgrade options include a built-in ATR, an automated beamsplitter exchanger and Raman, NIR, TGA-IR and GC-IR modules.

Article Content

Guide to choosing spectrometers: Parameters and tips

Learn how to choose the right spectrometer for your needs. Understand key parameters like wavelength range and resolution. Get expert tips!

How to choose a spectrometer

Even though you know your wavelength range and resolution there are still a lot of possible spectrometer design options. So your final choice of spectrometer will depend on the importance of

SPECTROLAB

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