

Recommendations for Purchasing Spectrometers



Overview

When purchasing a spectrophotometer, consider the detection range you require for your sample type and look for instruments that are sensitive, accurate, and consistent. For a list of spectrophotometer manufacturers, see our online directory:. Spectrophotometers/spectrometers help determine the chemical makeup of a solution or a concentration of a known substance in a solution, such as DNA. These instruments measure the intensity of visible, UV, or infrared light that passes through a solution. When purchasing a spectrophotometer. Use this guide from the leading photonics information portal to compare major types, define selection criteria, find suppliers and arrive at defensible purchasing decisions: Click on a logo to get to the details of that supplier's offer. The resolution is the spectrometer's ability to distinguish between two closely spaced. Mass spectrometry is a key technology in life sciences, biotech, and pharmaceutical research, offering precise molecular analysis for everything from proteins and small molecules to complex biological samples.



Article Content

Jan 15, 2026

Visible Light Spectrophotometer Recommendations

I'm looking into purchasing a cheap uv-vis spectrophotometer but am not affiliated with an institution at the moment

Dec 21, 2025

Tips for Purchasing a Mass Spectrometer

Because mass spectrometers are such specialized instrumentation, you'll most likely need to bring in trained service

May 25, 2026

The things to consider when buying a mass spectrometer

Nevertheless, there are a few things you should carefully consider when buying a mass spectrometer. To help you make the right

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How to Choose the Right Spectrometer for Your Application

Understanding the Importance of Spectrometer Features Spectrometers are powerful analytical tools that measure

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Spectrometer resources

This e-book includes an extensive collection of useful guides to choosing the correct configuration of your next spectrometer while

Sep 07, 2025

Purchasing Guide: Mass Spectrometers

Mass spectrometers determine the mass-to-charge ratio of ions in a sample, creating spectra that can be used to

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Choosing the Right Spectrometer

This buying guide will focus on the different spectrometry techniques, including what can be analyzed with a spectrometer, the

May 03, 2026

Buying Guide

This free buying guide provides valuable insights into the key factors and application considerations you need to know

Sep 14, 2025

Mass Spectrometer Costs: How Much Should You Budget?

How much does a mass spectrometer cost? Explore price ranges, key factors, and what labs should budget for

Aug 23, 2025

The Best Infrared and FTIR Spectroscopy Systems of

Discover the top-rated infrared and FTIR spectroscopy systems of 2026. Compare the best

Sep 12, 2025

Purchasing Guide: Spectroscopy

When purchasing a spectrophotometer, consider the detection range you require for your sample type and look for

Dec 06, 2025

Spectrometers & Spectroscopy Equipment | Edmund

Explore optical spectrometers, systems, and components for spectroscopy, detection, and analysis. Ideal

Feb 13, 2026

Spectrophotometers: A Buyer's Guide

Before buying a spectrophotometer, users should assess three major aspects: Requirements: Spectrophotometers

Nov 03, 2025

10 Best Spectrophotometers (July 2026) Expert Reviews

Finding the right spectrophotometer for your lab or business can be overwhelming with so many options on the

Mar 06, 2026

Lab Manager's Independent Guide to Purchasing a Mass Spectrometer

A comprehensive guide for Lab Managers on purchasing Mass Spectrometry (MS) systems. Covers LC-MS vs. GC

Dec 06, 2025

The Best Spectrophotometers: A Buyer's Review of

Discover the top spectrophotometers of 2026 for research and industry. Compare updated

Nov 30, 2025

Purchasing Guide: Mass Spectrometers | Lab Manager

Mass spectrometers measure the mass-to-charge ratio of ions and help identify unknown compounds via molecular

May 13, 2026

Choosing the Right Spectrometer

For example, a spectrometer can be used to identify materials or molecules. This buying guide will focus

Feb 22, 2026

Spectrometers – Buyer's Guide & Supplier List | RP Photonics

This buyer's guide for spectrometers provides technical background, comparison of major types, selection criteria, and an overview

Apr 17, 2026

The things to consider when buying a mass spectrometer

To help you make the right purchasing decision among the many mass spectrometers on offer, we'll explain the 7 most important

May 17, 2026

Spectrometers – Buyer's Guide & Supplier List | RP Photonics

Spectrometers – Buyer's Guide & Suppliers Use this guide from the leading photonics information portal to compare major types,

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Criteria When Choosing a Spectrometer | Spectrecology

With spectrometers available for any application, it's vital to select one that meets your goals. Learn the criteria for

Mar 30, 2026

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

Jun 09, 2026

Purchasing Guide: Spectroscopy

When purchasing, consider what detection range you will require for your sample type and look for instruments that are

Aug 08, 2025

How to Choose the Right Spectrometer for Your Application

In this article, we will explore the key factors to consider when selecting a spectrometer and provide insights into how

Nov 14, 2025

Selecting a Mass Spectrometer for Your Lab | Lab Manager

Mass spectrometers determine the mass-to-charge ratio of ions in a sample, creating spectra that can be used to

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