

Article Overview

Norwegian spectrometers typically range from around \$34,000 to \$70,000, depending on type, features, and brand.

The price of a spectrometer in Norway varies widely based on the technology, sensitivity, and intended application. Basic benchtop UV-Vis spectrophotometers, commonly used for routine laboratory analysis, can start at a few thousand dollars, while high-end models such as fluorescence or near-infrared (NIR) spectrometers with advanced automation and microvolume capabilities can exceed \$50,000 to \$70,000 (Excedr, BiMedis) . Mass spectrometers, which are more complex, can cost significantly more, ranging from \$50,000 for entry-level models to over \$1,000,000 for advanced systems like MALDI-TOF or Fourier Transform instruments (LabX) . Factors influencing the cost include:

- o Type of spectrometer: UV-Vis, fluorescence, NIR, or mass spectrometry. UV-Vis models are generally more affordable, while fluorescence and NIR models are higher-priced due to specialized optics and detectors .
- o Automation and software: Instruments with automated sample handling, microplate readers, or integrated software for data analysis increase the price .
- o Portability and design: Stationary lab units are more expensive but offer higher accuracy, whereas portable models for field analysis are lighter and less costly .
- o Customization and calibration: Spectrometers tailored for specific applications, such as pharmaceutical or environmental testing, may require custom calibration, adding to the cost . The Norwegian spectrometer market is projected to grow steadily, with moderate annual growth rates, indicating stable availability and pricing trends for the coming years (6Wresearch) . For precise pricing, it is recommended to request quotes from suppliers, as final costs depend on configuration, accessories, and service agreements. In summary, for budgeting purposes, expect entry-level spectrometers in Norway to start around \$34,000, with high-end or specialized models reaching \$70,000 or more, while mass spectrometers can be substantially higher depending on the model and capabilities.

NMR Spectrometers based on the Nuclear Magnetic Resonance (NMR) principle are used for studying the structure

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



Price quote for a Norwegian spectrometer

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How much does a nuclear magnetic resonance (NMR) machine cost? NMR spectrometer prices start at \$35,000 for a refurbished 60

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What is the average export price for spectrometers and spectrophotometers in Norway? The average spectrometers

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Norway Spectrometer Market Size Growth Rate The Norway Spectrometer Market may undergo a gradual slowdown in growth rates

How much does spectroscopy equipment cost? Prices for new spectroscopy systems generally range from \$15,000 to \$200,000,

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The key differences between spectrometers and spectrophotometers are specificity, overall purpose, and the technology of the

A spectrometer is a scientific instrument used to measure properties of light over a specific portion of the electromagnetic spectrum.

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Price quote for a Norwegian spectrometer

