

Price of Canadian Metallurgical Spectrometer



AI Overview

The price of metallurgical spectrometers in Canada ranges widely from approximately CAD 46 for basic spectrophotometers to over CAD 2,500,000 for high-end mass spectrometers, depending on type, features, and condition.

Price Ranges by Type

- **Portable XRF Metal Analyzers:** Handheld devices like the GOYOJO JITA9201 are designed for field metal analysis and typically cost in the range of CAD 10,000–50,000, depending on specifications such as X-ray tube power, detector type, and storage capacity .
- **Laboratory Spectrophotometers:** Standard UV-Vis or IR spectrophotometers used for metallurgical or chemical analysis can range from CAD 46 to CAD 95,419, with an average price around CAD 16,254 for mid-range models .
- **Mass Spectrometers:** High-performance instruments for detailed elemental and isotopic analysis, including MALDI-TOF, Q-TOF, and Fourier Transform models, can cost CAD 50,000 to over CAD 2,500,000 for new units, while used models may be available for CAD 10,000–1,500,000 depending on condition and model .

Factors Affecting Price

- **Type of Spectrometer:** XRF, atomic absorption, fluorescence, and mass spectrometers vary significantly in cost due to complexity and analytical capabilities.
- **Portability:** Handheld or portable spectrometers are generally less expensive than stationary laboratory units but may have lower resolution or fewer features....

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Price List

Prices are in Canadian funds. Cost per sample, unless otherwise stated, as of February 1, 2020. EA: elemental analyzer EA-IRMS:

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