Supplier of direct-reading spectrometers

Overview

SPECTRO is a global leading supplier of advanced analytical instruments like ICP, Arc Spark OES, and XRF spectrometers for precise elemental analysis of materials.

Key Takeaways

Leading suppliers of direct-reading spectrometers include Drawell, Peny Instrument, and Lonroy, offering full-spectrum and portable models for industrial and research applications. Key Suppliers1. Drawell Analytical Drawell provides full-spectrum direct-reading optical emission spectrometers (OES) suitable for ferrous and non-ferrous alloy analysis.

Their instruments feature high-performance CCD detectors, vacuum chamber integration, and fast data acquisition, allowing elemental composition measurement within 20 seconds. Drawell supports one-stop service including installation, training, and technical support, and offers multi-language software compatible with Windows systems. Their spectrometers are widely used in casting, smelting, machinery manufacturing, aerospace, environmental protection, and academic research.

2. Peny Instrument Peny Instrument offers CCD full-spectrum direct-reading spectrometers capable of analyzing ferrous and non-ferrous metal alloys. Their models include advanced optical systems, argon pressure protection, and intermittent vacuum control to maintain high sensitivity.

Peny provides complete packages including software, computers, printers, and calibration standards, with strong after-sales support and free software upgrades. Their instruments are applied in foundries, smelting, machinery, aerospace, environmental protection, and university research. 3.

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Lonroy Lonroy supplies the LR-M9900 mobile direct-reading spectrometer, a portable version of laboratory spectrometers. It features a robust optical system, high-speed ARM processor, and mobile spark excitation stage, enabling analysis of elements like C, P, S, B, Sn, and As in steel. The LR-M9900 is designed for flexibility, allowing adaptation to various sample shapes and sizes, and includes USB, printer, monitor, and network interfaces.

4. Industrial Directories Platforms like DirectIndustry list multiple brands such as Shimadzu, PCE, and DURAG, offering a range of direct-reading spectrometers for metals, catalysts, minerals, plastics, and soils. These directories allow comparison of technical specifications, detection ranges, and applications, helping buyers select the most suitable instrument for their needs.

Considerations for Selection

Application: Choose based on whether you need ferrous, non-ferrous, or multi-matrix analysis. Portability: Mobile spectrometers like Lonroy's LR-M9900 are suitable for fieldwork, while Drawell and Peny models are more suited for laboratory or production environments. Detection Range: Full-spectrum models can detect over 70 elements, while portable models may focus on specific elements.

Support and Training: Consider suppliers offering installation guidance, user training, and after-sales service. These suppliers provide a range of options for industrial, research, and quality control applications, ensuring fast, accurate, and reliable elemental analysis.

Article Content

Direct-reading spectrometer

Find your direct-reading spectrometer easily amongst the 10 products from the leading brands (Shimadzu, PCE, DURAG, ...) on DirectIndustry, the industry

Elemental Analysis Solutions & Analytical Instruments | SPECTRO

SPECTRO is a global leading supplier of advanced analytical instruments like ICP, Arc Spark OES, and XRF spectrometers for precise elemental analysis of materials.

Full Spectrum Direct Reading Spectrometer Supplier

If you have any problems with the direct reading spectrometer you purchased from Drawell, we have professional engineers to solve it for you. We support one-year

Full-spectrum spectrometer

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Find your full-spectrum spectrometer easily amongst the 21 products from the leading brands (LECO, Metrohm, Shimadzu, ...) on DirectIndustry, the industry specialist for your professional purchases.

DW-TY-9000 Full Spectrum Direct Reading Spectrometer

DW-TY-9000 is a Full Range of Solutions for the Entire Metals Industry. It uses full-digital technology to replace bulky photomultiplier tube

Spectrometer Suppliers: Find Verified & Reliable Sources

Looking for trusted spectrometer suppliers? Discover verified manufacturers with high ratings, low MOQs, and customizable options. Click to explore top-rated suppliers and find the

Direct Reading Spectrometer

Photoelectric Direct Readi As a member of U-THERM Group and sister company of LAB-KITS, LAB-FAC is the factory for producing Analytical Balances and Spectrophotometers.

Full spectrum direct reading spectrometer

The OES8000s direct reading spectrometer adopts CMOS detector full spectrum testing technology, which can test all spectral lines within the wavelength range. It is extremely convenient to configure

Optical Emission Spectroscopy | SPECTRO Analytical

Combining the convenience of GD direct sampling with a wide dynamic range, the Astrum is capable of quantifying virtually all elements from matrix to sub-ppb in a single scan.

Portable Spark Direct Reading Spectrometer-Spectrometers-INSIZE ...

Portable Spark Direct Reading Spectrometer Code: OES-P200 Widely used in metallurgy, foundry, machining, automobile manufacturing, metal processing, furnace testing, etc. Ability to accurately

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Direct Reading Spectrometer for On-Site Alloy

Direct reading spectrometers enable on-site, real-time verification of elemental content before solidification or during intermediate processing. It eliminates the

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DW-TY-9000 Full Spectrum Direct Reading Spectrometer

DW-TY-9000 Full Spectrum Direct Reading Spectrometer DW-TY-9000 is a Full Range of Solutions for the Entire Metals Industry. It uses full

Handheld X-Ray Fluorescence Spectrometer

A handheld X-ray fluorescence spectrometer (XRF) is a portable, non-destructive, rapid elemental analysis instrument that can directly determine the elemental

Direct Reading Spectrometer

Testing Equipment Name: Direct Reading Spectrometer Testing Equipment Name: Equipment Details / Features:- The Spectro lab DRS manufactured by M/S

Vacuum Direct Reading Spectrometer

Vacuum Direct Reading Spectrometer Spectrometer optical system using vacuum light room, integral and control circuit in a vacuum chamber of light, can not be

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