

PE Atomic Absorption Spectrometer



Overview

The Perkin Elmer 2380 is a double-beam, microcomputer-controlled atomic absorption spectrophotometer. The 2380 uses a high-dispersion monochromator with a dual-blazed grating and high-performance photomultiplier for maximum energy throughput over the wavelength range from 190 to 870. PerkinElmer has been a pioneer in atomic absorption spectroscopy (AAS) since its earliest days – from the first ever commercial AA system back in 1961 to the first commercial longitudinal Zeeman graphite furnace AA instrument in 1990, continuing our innovations with the industry-first. PerkinElmer's PinAAcle™ atomic absorption spectrometers set the standard for accurate, efficient single-element inorganic analysis. From robust flame systems to high-sensitivity graphite furnace models—and versatile combined flame/furnace designs—these advanced spectrometers deliver the precision. Whether you choose the AAnalyst™ 200 or AAnalyst 400, you'll discover an easy, affordable and reliable flame atomic absorption (AA) solution. We've simplified the process of AA analysis—from sample introduction to results. We've made it easy for anyone with a basic understanding of atomic. The high-performance line of AAnalyst™ atomic absorption (AA) spectrometers maximizes AA performance for even the most difficult samples. These systems generate superior results and provide faster, more accurate analyses.

Article Content

Atomic Absorption Spectrometry (AAS) Information

Find out how atomic absorption spectrometry (AAS) is used to analyze compounds in clinical, food, pharmaceutical, mining, and other samples using flame and graphite furnace technologies.

2380 Community, Manuals and Specifications

The Perkin Elmer 2380 is a double-beam, microcomputer-controlled atomic absorption spectrophotometer. The 2380 uses a high-dispersion

AAAnalyst 600/800 Atomic Absorption Spectrometers

With tens of thousands of AA spectrometers in operation worldwide, the PerkinElmer name is synonymous with performance, ease-of-use and reliability. The AAAnalyst 600 and 800 systems offer

The Best Atomic Absorption Spectroscopy (AAS)

By investing in one of these top-tier Atomic Absorption Spectroscopy (AAS) systems, laboratories can ensure long-term reliability and compliance with

AAS Instruments

As the global leader in atomic absorption spectroscopy, PerkinElmer continues to drive innovation in AA technology and is here to stay as your long-term partner in atomic absorption and beyond.

AAAnalyst 200/400 AA Spectrometers Brochure

PerkinElmer atomic absorption (AA) consumables are designed specifically to maximize the performance of our instruments and systems. We validate and test them to ensure you receive

Atomic Absorption Spectrometry Systems Market Analysis ...

The Atomic Absorption Spectrometry Systems Market was valued at USD 1.26 Billion in 2025 and is projected to reach USD 2.1 Billion by 2035, growing at a CAGR of 5.2% from 2027 to 2035. Market ...

AAAnalyst 600/800 Atomic Absorption Spectrometers

With the largest technical service and support staff in the industry and a solid reputation for quality products and service, the AAAnalyst 600/800 high-performance atomic absorption spectrometers

PerkinElmer AAAnalyst Atomic Absorption Spectrometers

Overall, the PerkinElmer AAAnalyst Atomic Absorption Spectrometers offer high sensitivity, wide dynamic range, versatility, and user-friendly operation, making

Atomic Absorption Spectroscopy (AAS)

Discover the most advanced AAS technology in the industry from the undisputed leader in atomic absorption spectroscopy.

Atomic Absorption Spectrometry (AAS)

Explore our range of high-precision Atomic Absorption Spectrometers (AAS) for accurate analysis in laboratory settings. Ideal for detecting trace metals.

PERKINELMER AANALYST 300 MANUAL Pdf

View and Download PerkinElmer AAnalyst 300 manual online. Atomic Absorption Spectrophotometer. AAnalyst 300 measuring instruments pdf manual download.

PE 560 Atomic Absorption Spectrophotometer Manual

Consult "Analytical Methods for Atomic Absorption Spectroscopy", supplied with the instrument for data on each element. 2) Plug in the power cord, turn the GAIN

Heavy metals and microplastics as emerging contaminants in

In contrast, graphite furnace atomic absorption spectroscopy (GFAAS or ETAAS) uses electrothermal atomization in a resistively heated graphite tube, where analytes are preconcentrated and retained

Fast Sequential Atomic Absorption, Flame Atomic

The Agilent 240FS AA is a Fast Sequential atomic absorption spectrometer that can double sample throughput and dramatically reduce running costs. Able to handle

Atomic Spectroscopy

Introduction Atomic spectroscopy is a family of techniques for determining the elemental composition of an analyte by its electromagnetic or mass spectrum. Several analytical techniques are available:

Market Trends Report: Analyzing the Flame Atomic Absorption

Flame Atomic Absorption Spectroscopy (FAAS) is a powerful analytical technique used to determine the concentrations of metallic elements in various samples. Its market plays a crucial role ...

New & Used Persee Atomic Absorption Spectrometers (Aas)

Overview Atomic Absorption Spectrometers (AAS) are analytical instruments used to measure the concentration of elements in various samples. They work by atomizing the sample and measuring

PerkinElmer AAnalyst 200 Atomic Absorption

The AAnalyst 200 provides a no compromise approach to Atomic Absorption – from sample introduction to results. Confusing keypads and tiny screens have been

Atomic Absorption Spectroscopy (AAS)

PerkinElmer has been a pioneer in atomic absorption spectroscopy (AAS) since its earliest days – from the first ever commercial AA system back in 1961 to the first commercial longitudinal Zeeman

PerkinElmer PINAACLE 900 Series Customer

System Description The PinAAcle 900 Series Spectrometer System Concept The PinAAcle 900 series spectrometer from PerkinElmer is a compact, high

Elite AAS 1500 Series Flame and Graphite Furnace Atomic Absorption ...

The Elite AAS 1500 Series is a dual-mode atomic absorption spectrometer engineered for high-sensitivity elemental quantification in environmental, pharmaceutical, food safety, clinical, and

Perkin-Elmer AAnalyst 300 Operating Instructions

View and Download Perkin-Elmer AAnalyst 300 operating instructions online. Atomic Absorption Spectrophotometer. AAnalyst 300 measuring instruments pdf manual

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