

Atomic Absorption Spectrometer for Elemental Analysis

This atomic absorption spectrometer utilizes nuclear embedding technology for automatic control and data processing, ensuring reliability. It features automatic wavelength scanning and positioning within 30 seconds, along with comprehensive gas leakage protection.



Product Overview

High-Precision Elemental Analysis

The AAS-2600 Atomic Absorption Spectrometer is a sophisticated analytical instrument designed for the quantitative determination of elemental composition. Featuring advanced nuclear embedding techniques for automated control and data processing, it ensures high reliability and precision. With a robust optical system and versatile atomization capabilities, it is an ideal solution for demanding applications in environmental monitoring, food safety, and materials science.

Optical Performance

Available Bandwidths

- 0.1nm
- 0.2nm
- 1.0nm
- 2.0nm

Wavelength Range	190 nm - 900nm
Wavelength Accuracy	0.25 nm
Baseline Shift	±0.004A/30min

Atomic System

Cu Detection Limit	0.006 μ g/ml
Precision (RSD)	d1%

Key Metrics

Core Performance Indicators

0.3 Abs
Absorbance

3 μ g/ml
Sensitivity

Technical Specifications

Dimensions (L x W x H)	1000mm x 350mm x 390mm
Power Supply	AC 220V/50HZ
Weight	70 kg

Operational Environment

Operating Conditions

Parameter	Range
Temperature	15 - 30
Humidity	d75%

Features

Key Capabilities

Auto-zeroing • Leakage Protection • Fast Scanning • Auto-energy Adjustment • Corrosion Resistant