

# 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 $\mu$ g/ml
Precision (RSD)	d1%

## Key Metrics

### Core Performance Indicators

**0.3 Abs**  
Absorbance

**3  $\mu$ 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