

# Atomic Absorption Spectrometer for Multi-Element Analysis

This atomic absorption spectrometer allows for simultaneous analysis of 4 to 6 elements in a single minute. It enables free combination of multiple elements to be tested according to analysis needs, providing efficient and accurate results.



## Product Overview

### High-Performance Atomic Absorption Spectrometer

This atomic absorption spectrometer is engineered for rapid, simultaneous multi-element analysis, capable of testing 4 to 6 elements in just one minute. Designed with a sealed optical path and a suspended shockproof platform, it ensures superior optical stability and resistance to mechanical deformation. The system offers high sensitivity, particularly in the ultraviolet range, and integrates advanced software to provide precise measurement results for diverse laboratory applications.

## Performance Metrics

### Simultaneous Element Analysis

**4 count**

Minimum Elements

**6 count**

Maximum Elements

Analysis Time

1 minute per sample

## Safety Features

### Safety Mechanisms

- Air acetylene and nitrous oxide low-pressure alarm
- Real-time flame monitoring with high-sensitivity probe
- Burner insert chain for fire safety
- Automatic gas cutoff during power interruption

## Design & Build

Optical System Features

Sealed optical path, Stray light avoidance, Suspended shockproof platform, High UV sensitivity

## Optional Accessories

### Compatible Accessories

Graphite furnace system • Automatic sample injector • Hydride generator