



AI 500 Atomic Absorption Spectrometer

The AI 500 Atomic Absorption Spectrometer is a remarkable instrument that can fulfill the needs required by today's chemists. It provides many features that make it a practical and an effective Atomic Absorption Spectrometer. The AI 500 incorporates many of the great features that the higher-end AI 1200 consists of, and yet still brings with it a very competitive price.



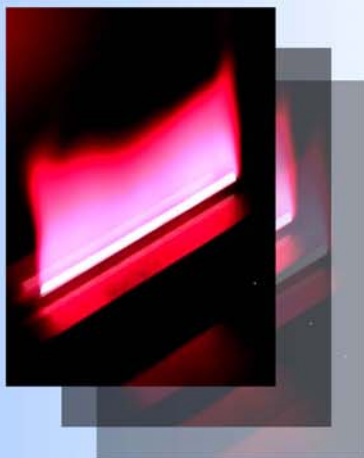
Benefit:

- **Compact Design:** A Small footprint with dimensions of W 65 cm, D 55 cm & H 37 cm
- **High Performance:** Typical performance for a 2 mg/L Cu sample is 0.35 Abs. The system also offers high precision analysis. Better than 0.5% RSD from ten 4 second integrations
- **Convenient:** Automatically aligned 5-lamp turret, each with its own independent power supply
- **Flexible:** Quick Switch from single beam to electronic double beam with a narrow optical design for flame
- **Depth:** Wavelength Scanning feature allows the operator to zoom into any section of the wavelength and transfer this "optimized" range to the present method
- **Efficient:** Utilizes an XYZ autosampler that can use a wide range of sample containers



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Our AI 500 is made with the newest technology available that makes it first in its class. It offers the benefits of reduced operating costs while enhancing productivity.



Quality

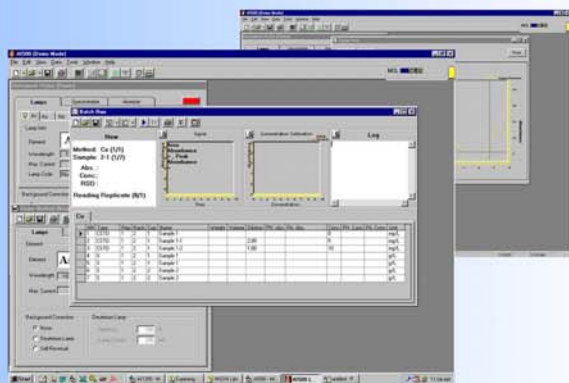
Aurora Instrument Ltd. understands the needs of today's industries. We are keeping pace as the needs expand for reliable AAS technology. The design of the AI 500's body insures total protection from corrosion, humidity or dust found in the harsh industrial environments. To maintain its longevity, our optics are coated and sealed.

Versatility

AAS technology applications are growing in all industries. Because our AI 500 is a simple to use stand-alone instrument, it can be operated in a range of sectors. All sectors such as Chemical, Environmental, Mining, Metallurgical, Pharmaceutical, Energy, Agricultural, Manufacturing and Utilities can gain an advantage by using our AI 500.

Ease of Use

Our AISPEC™ software is an exceptionally well-designed Windows based software that allows you to multi-task within the Window's environment. It is easy to operate as it provides a working background already familiar to the user. This program is designed to provide all the information that you require, and to be available at a click of a button to ensure that the user achieves maximum performance.



* Windows Environment

Safety

Our AI 500 consists of standard safety interlocks for appropriate burner, flame sensor, gas pressure, and power failure to ensure a secure and reliable environment that makes it one of the safest AA in the market.

Compatibility

- On-line dilution feature
- VG 411 Hydride generator
- XYZ Universal Autosampler

Upgradeable to:

- Programmable Gas Control
- Teflon Spray Chamber
- Continuous Slit Width
- High Intensity HCL Power Supply

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