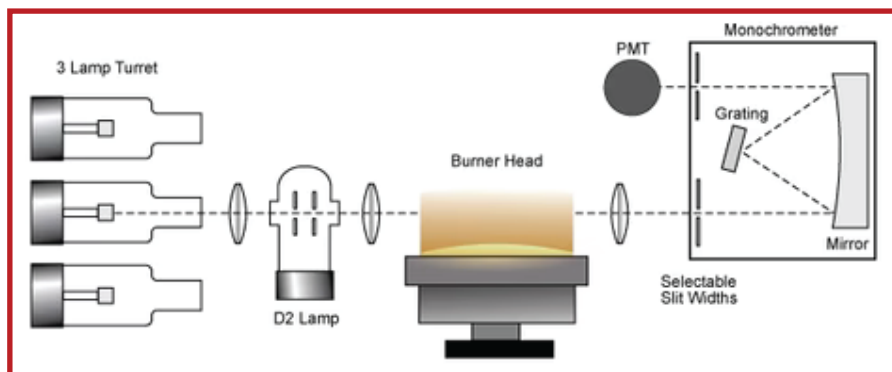


The 235ATS Atomic Absorption Spectrometer



Features

- Automated wavelength setting
- Push button oxidant change-over for N₂O
- Flame detector with automatic gas shut down
- Sample drain sensor to prevent flashbacks
- Automated Slit selection
- Push button ignition
- 10" color touchscreen
- 5 screen tabbed GUI (graphic user interface)
- 4 USB ports for Manufactured and supported in the USA
- D2 Background correction



235ATS

Atomic Absorption Spectrometer

Simple, Effective, Efficient

Features

Our innovative optical design unlocks the full potential of atomic absorption, providing greater sensitivity and lower detection limits than traditional systems. By maximizing energy throughput, our instruments can measure lower concentrations of key elements like Arsenic and Selenium without expensive EDL lamps.

This efficient design also allows our spectrometers to be remarkably compact. Our instruments have a smaller footprint and lighter weight compared to competitor models, making them ideal for space-constrained labs and field applications.

The bottom line? Our optimized optics deliver enhanced performance and versatility. Get expanded analytical capabilities without the high cost and bulk of dated AA systems. Discover new levels of trace element detection with our cutting-edge atomic absorption technology.

The 235ATS includes Deuterium Background correction for Improved Accuracy

D2 correction accounts for nonspecific background interference, increasing measurement accuracy and confidence.

By removing background noise, D2 correction lowers detection limits for enhanced sensitivity and trace analysis.

Correcting for variations in sample introduction and flame instability improves measurement precision.

D2 enables accurate analysis even with complex sample matrices like oils, blood, ashes.

Automated D2 correction built into the system makes analysis easier for new users.

D2 produces reliable, reproducible results by compensating for flame variations

D2 correction linearizes calibration curves and improves quantitation accuracy.

Unlock Maximum Sensitivity with Superior Nebulization



Our short-path dynamic nebulizer-burner setup is engineered for performance. We precisely position an inert nebulizer needle to inject the sample into a venturi for incredible nebulization. This nebulizes even challenging sample types with high total dissolved solids or viscosities.

The sample then reaches a high-velocity impact bead made of corrosion-resistant material. This generates a fine aerosol mist for the most efficient transport of sample to the flame.

235ATS

Atomic Absorption Spectrometer

Simple, Effective, Efficient

Superior Nebulization

What does this mean for your lab? Our innovative nebulizer setup delivers extreme sensitivity and stability across all sample matrices. You get lower detection limits to see more of your sample and expanded analytical capabilities.

Experience the difference optimized nebulization makes. Achieve new levels of sensitivity and productivity with our cutting-edge sample introduction system. Unlock the full potential of your lab.

Innovation that Simplifies Service

Easy access was a guiding principle in our 230ATS design. We've engineered quick-slide doors and panels to make wear components readily serviceable. Our founder's decades of hands-on experience ensured critical parts are upfront and convenient to maintain.

Because at Nwspec, we know downtime costs you.

While other brands maximize profits using inferior components, we refuse to compromise. Our atomic absorption systems are made to perform, day after day, with industrial-grade materials.

Experience the difference thoughtful design makes. Our instruments deliver the powerful performance labs need while simplifying upkeep. You get robust construction coupled with incredible ease of service.

Partner with the only spectrometer designed by technicians, for technicians. Discover worry-free ownership and increased productivity. That's the Nwspec difference.

