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Nebulizer &
Impact Bead

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230ATS Educational Atomic Absorption spectrometer package

Save 10%

BUCK SCIENTIFIC



★★★★★ 8 Reviews

Price: **8,198,300.00 AMD** ~~9,109,200.00 AMD~~Quantity: [Add to cart](#)Buy with **shop** Pay

Description

Get everything you need to get up and running for a special Educators price!

Our education Atomic Absorption package includes:

- **Optional** D2 Background correction
- 230ATS Atomic Absorption spectrometer
- Acetylene pressure regulator with flash arrestor
- Atomic Absorption minor spares kit.
- 3 hollow cathode lamps
- 3 standard solutions
- Hood and Vent Kit
- Oil-Less air compressor with Air filter

The 230ATS Atomic Absorption Spectrometer comes with three powered lamp brackets inside of the instrument and can be upgraded to include D2 background correction.

Features:

- **Optional** D2 Background correction

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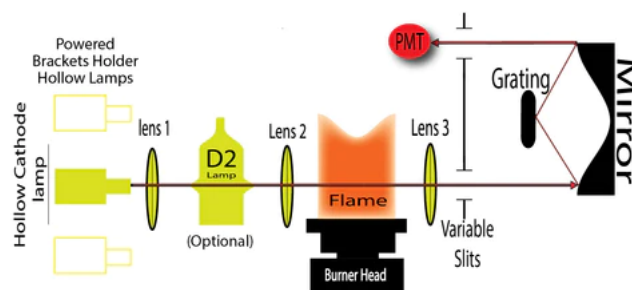
- Automated wavelength setting
- Automated Slit selection
- Push button ignition
- 10" color touchscreen
- 5 screen tabbed GUI (graphic user interface)
- 4 USB ports for
- Manufactured and supported in the USA
- 230ATS comes with a pre-calculated library of standard methods

See More with Superior Optics

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.



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.

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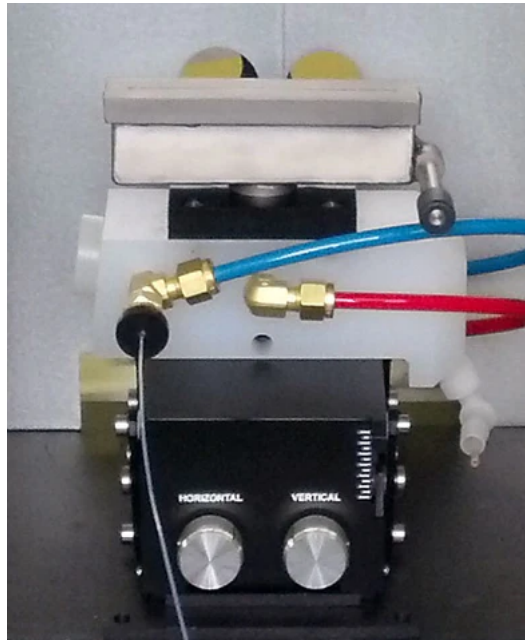
delivers

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 Buck Scientific, 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 Buck Scientific difference.

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OUR PROMISE: CARE THAT GOES THE EXTRA MILE

At Buck Scientific, you're not just a customer - you're family. Since 1970, our close-knit team has prioritized personal support at every step.

Questions? We're always here to help via phone, email, or video chat. Our experts offer guidance remotely or in-person training at your lab. Wherever you are, you're covered.

Maintenance needs? Most domestic clients utilize our cost-effective, door-to-door service. We take care of repairs and maintenance at our U.S. headquarters, getting instruments back to peak performance.

For international teams, our global network provides localized assistance. You get specialized care that works for you.

Experience our unmatched dedication firsthand. Our instruments come with lifetime in-house training and the industry's best technical support.

Partner with a team that cares about your success as much as you do. Discover the Buck Scientific difference.

Buck Scientific Atomic Absorption Spectrophotometers - made in the USA



230ATS Atomic Absorption...

230ATS Atomic Absorpti...
★★★★★(39)



Gold Hollow Cathode lamp

Gold (Au) 1.5" Hollow Ca...
☆☆☆☆☆(0)



Hydride generator for Mercury (Hg) Atomic absorption spares kit

Cold Vapor & Hydride G...
☆☆☆☆☆(0)



AA Spare Kit - for 211 AA
☆☆☆☆☆(0)



Sodium (Na) Hollow Cat...
★★★★★(2)



Zin...
★

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5 reviews

★★★★★ (1)

★★★★☆ (0)

★★★☆☆ (0)

★★☆☆☆ (0)

WRITE A REVIEW

Reviews (8)

Sort: Select

A

anthony

07/24/23

★★★★★

Buck AAS 205,210 and 230ATS
I have been installing buck AAS for amost 6 years now for over 30 clients and it has been a wonderful experience for me infact it impossible to recommend any other brand to my client outside buck products.

Share

Was This Review Helpful? 0 0

P

Paul B.

10/14/20

★★★★★

The equipment was easy to use and the service we received was top notch!
We recently purchased an AAS from Buck for our mining exploration program. Not knowing the laboratory methods or equipment, Buck Sci folks walked us through everything including set up and sampling. The equipment was easy to use and the service we received was top notch!

Share

Was This Review Helpful? 0 0

W

WAYNE T.

11/19/19

★★★★★

VALUE AND RELIABILITY
I purchased a Buck Scientific AA in 1987. It was a workhorse and served us well. I strongly recommend these machines for value and reliability.

Share

Was This Review Helpful? 0 0

P

PRESEMENT

11/19/19

★★★★☆

Helpful & knowledgeable !
Very helpful sales staff and knowledgeable tech staff. I have another order coming for you for an AA next week! Thanks!

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Was This Review Helpful? 0 0

E

Emile

11/19/19

★★★★★

One of the BEST, accurate and reliable !
Buck Scientific's Atomic Absorption Spectrophotometer (AAS) is one of its best equipment. It is very simple to understand the operation. Changing of hollow cathode lamp is a simple task compared to others. It gives accurate and reliable result within a short interval. It is, in fact, good equipment.

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Was This Review Helpful? 0 0

U

UNIVERSIDAD D.

11/19/19

★★★★★

GREAT PRODUCT !
We started using a 205 AA from Buck about one year ago. We have had a great experience with it, it's so complete that you forget all modern equipment. The system is intuitive and so easy to use that any technician can use it. Sensitivity is still very good with some fixings.

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Was This Review Helpful? 0 0

D

DOUGLAS B.

11/19/19

★★★★★

Simple to use, provides good data !

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over fifteen years. Students get about a 5-10 minute
ree to use the instrument. They are simple to use,

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Was This Review Helpful? 0 0

E

ELIZABETH G.

★★★★★

11/19/19

GREAT INSTRUMENT, EASY TO USE.
GREAT INSTRUMENT, EASY TO USE.

POSTED: 7/31/2019

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10,468,500.00 AMI

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147,000.00 AMD

Mercury (Hg) Hollow Cathode Lamp

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8/8