



PRODUCT BULLETIN

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AA Spectrophotometer

Atomic Absorption Spectrometer, the SensAA. The SensAA is new in every aspect from the ground up - from its performance to its looks and functionality. It may be our low cost AAS but its performance exceeds many top of the range products in the marketplace.

PERFORMANCE

By improving the optics and electronics design the wavelength has been extended (175 to 900 nm). The D2 range has also been extended (175 to 423 nm) thereby enabling more elements to be analyzed using D2 background correction. The slit width is now adjustable from 0.1 to 2.0 nm in 0.1 increments thus effectively allowing 20 slit width settings with normal slit height plus 20 slit width settings with reduced slit height.

The SensAA offers touch screen technology and true uncompromised multi-element analysis, returning the highest integrity in results at a fraction of the cost of traditional means. Designed around simplicity, users no longer need to change lamps when changing elements, enabling seamless operation. Application Source offers dramatic savings in source lamp costs and the high intensity D2 lamp offers unrivalled lifetime performance with enhanced operation of up to 1000 hours, even at full current.

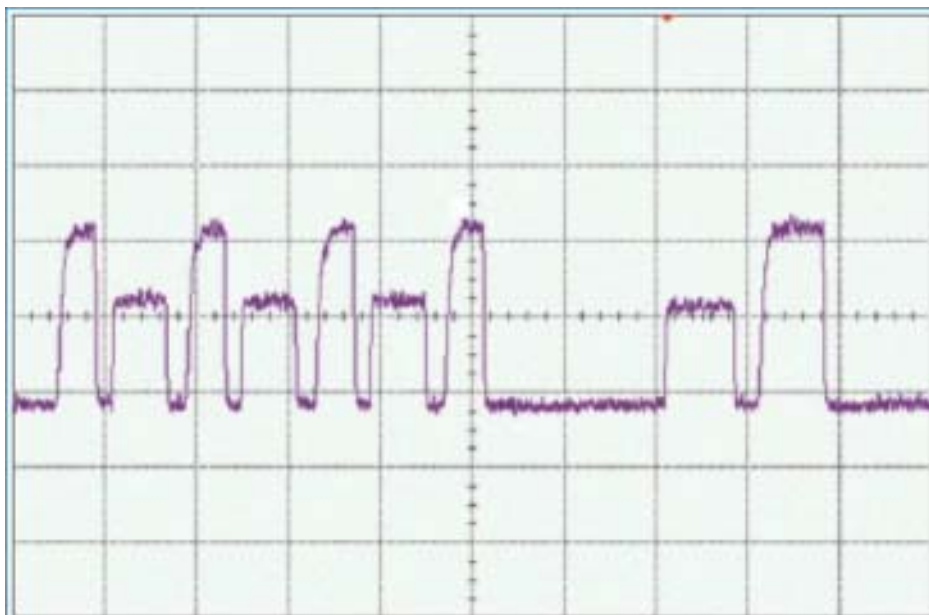


The SensAA series sets new pre-requisites with the new Hyper-Pulse Background Correction that allows for more accurate interpolation of "Transient Signals" such as GF and HSA 3000 signals. The new gas control module is fully interlocked with the new fully integrated Spray chamber/liquid trap for added safety.

The heart of the SensAA is the patented Application Source which addresses new levels of performance, and simplicity.



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Improved Background Correction

FUNCTIONALITY

The SensAA is supplied with an inbuilt P4 computer and touch screen technology. A large 15" colour screen allows clarity of use and also ease of inputting data and executing commands to the SensAA software. No more keyboards or mouse wires to get tangled with acidic sample solutions. Point and analyze! An inbuilt software keyboard is also available where text is required to be entered by using standard Windows XP as the operating system then any Windows software package can also be loaded into the SensAA further extending its functionality. As always AAS accessories are interchangeable and can be used on the SensAA.

LOOKS

The SensAA has a smaller foot print than the 932 spectrometer it supersedes. Add to this space saving the fact that the computer is already included inside the SensAA and the result is significant bench spacing. You can have 2 SensAAs in the space where 1 AAS and computer would sit.

A retractable sample holder is also been included free of charge.