

Joint Analytical Systems  
(Americas) Inc.

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### About JAS Inc.

JAS is an Agilent Technologies Channel Partner that outfits and retrofits GC, GC/MS, LC, and LC/MS systems to meet specific end-user needs. We are a subsidiary of JAS GmbH (Germany) that has been one of the most successful Agilent Channel Partners for over 15 years. JAS Inc. has a new headquarters in Newark, Delaware which includes a laboratory, and can now directly do solution development, assembly and test, training, and instrument repair.

JAS Inc. has been a Value Added Reseller of HP/Agilent analytical instrumentation for approximately 10 years. By combining JAS proprietary products such as UNIS PTV inlet, JAS vertical valve box and automation, CryoTrap, EZPrep fraction collector, and Olfactometer with Agilent GCs, GC/MS, we can deliver system performance and usability that is unavailable from either from Agilent directly or from other Agilent Channel Partners. We provide several standard analyzers for the petroleum, petrochemical, forensics, foods & flavors, environmental and R&D markets and can also work with customers on their individual system and laboratory needs.

In 2002, HP granted JAS the rights to manufacture, sell, support, and develop the HP 2350 Atomic Emission Detector (AED). The AED is a multidimensional detector for gas chromatography (GC) and is available with new 7890 systems as well as a retrofit to existing Agilent 6890 and 7890 GCs. The AED allows detection of virtually all elements (if in volatile form), with excellent selectivity. This information rich detector is a nice complement to GC/MS and is very useful in routine QA/QC and research laboratories as well in labs with a need for specific detection of several elements. Think of the AED as a single detector capable of specific detection of many individual elements instead of the alternative; many GC systems with individual selective (often not even specific) detectors.

Since acquiring the AED, JAS has made substantial improvements to enhance the AED. Older systems can be upgraded to take advantage of the improvements such as:

- a new water drawer system with a new water pump to improve discharge tube lifetime
- updated instrument control software
- updated gas drawer
- SimDis software
- a new JAS high temperature transfer line for high temperature applications such as SimDis

JAS Inc. can also refurbish your older AED to bring its performance back to original specifications.

Feel free to contact us or our trusted partners below. We are here to help with your chromatography instrumentation and implementation needs.

Phone: 302-607-0088 email: [info@jas-usa.com](mailto:info@jas-usa.com)

website: [www.jas-usa.com](http://www.jas-usa.com)

**Diablo Analytical, Inc.**, an independent company that provides R&D level analytical application development services for the AED and other analytical technologies.

Phone: 925-755-1005 e-mail [info@diabloanalytical.com](mailto:info@diabloanalytical.com)

website: <http://www.diab.com>

**WeMeasureIt Inc.**, collaborator on JAS's multi element (C, S, N, Si, volatile metals, etc.) SimDis-AED solution that can analyze crudes to at least C100.

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