

Vx-2300 Gas Composition Sensor offers Enhanced Sensitivity and Lower Pressure Operation

Next generation microplasma-based analyzer offers new visibility into low-pressure vacuum processes

Wilmington, Mass. – December 5, 2007 – Verionix today announced its first shipments of the Vx-2300, its latest offering in the company's Vx-2000 series line of gas composition sensors for low-pressure processes.

With enhanced sensitivity, dynamic range and the ability to operate at extended pressure levels from 0.01 to greater than 1 Torr, the Vx-2300 migrates Verionix' unique gas composition sensing technology to lower-pressure Etch, CVD, Implant and PVD processes and related sub-steps that demand higher performance. Deposition and corrosive-resistant versions of the Vx-2300 are available – all incorporating field-replaceable Sensor Cell elements. The Vx-2300 replaces the Vx-2200 in Verionix product line-up. Legacy products, including the Vx-2100 and Vx-2200 series gas composition sensors, will continue to be supported.

New features of the Vx-2300 family of gas composition sensors include:

- Enhanced Sensitivity and Dynamic Range

The Vx-2300 is twice as sensitive and has 3 times higher dynamic range when compared to previous Verionix models, allowing it to detect even finer changes in gas composition.

- Extended Low-pressure Operating Range

Designed to start and run in process environments as low as 0.01 Torr, the Vx-2300 maintains its upper range of operation at 1 Torr or greater.

- Field-replaceable Microplasma Sensor Cell

The Vx-2300's Microplasma Sensor Cell (MSC) can be replaced in minutes by loosening two screws at the back of the sensor unit, minimizing process tool downtime.

This capability permits sensors to be reconfigured for use in different process environments, reducing spare inventories. Verionix also now offers a factory refurbishment program that can restore these cells to "like-new" performance levels at a fraction of the cost for a new Verionix system.



*Verionix Vx-2200 (Left) and Vx-2300 (Right)
Gas Composition Sensors*

For more information, please visit www.Verionix.com or contact Verionix at 978-253-4902 (x122)

About Verionix Incorporated

Based in Wilmington Massachusetts, Verionix develops and markets compact, high performance gas composition sensors based on its proprietary micro-plasma light source and packaging technology for use in the electronics, industrial gas distribution, food and pharmaceutical industries.