

## PRESS RELEASE

### ***FOR IMMEDIATE RELEASE***

Date: May 24, 2010

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Release #: 959

### **OX400 Low Concentration Zirconia Oxygen analyzer**

Yokogawa Corporation of America is pleased to announce the release of the OX400 Low Concentration Zirconia Oxygen analyzer to the North American market. The OX400 is a highly accurate and reliable low-concentration zirconia oxygen analyzer that is capable of measuring a wide range of concentrations, from 0-10 ppm up to 0-100 vol%O<sub>2</sub>.

A proprietary new thin-film deposition technology was used in the zirconia sensor that creates a molecular bond between the zirconia element and the platinum layer. This prevents separation, enables a reduction in sensor size and ensures a high-speed response and long life.

The OX400 can be used to control and monitor various semiconductor applications, solder reflow furnace monitoring, air separation purity monitoring, glove box monitoring and many other processes.

#### **Features**

Long life and high-speed response

- Thanks to the use of Yokogawa's proprietary new thin-film deposition technology, the sensor has three times the lifespan of those used in our earlier products.

- A cylindrical sensor design facilitates the replacement of measurement gases, thereby helping to assure a high-speed response.

#### High performance and high reliability

- Superior repeatability and linearity even at low oxygen concentrations.
- Either pump or aspirator sampling can be selected, depending on the application.

#### Built-in functions and a variety of self-diagnosis functions

- Comes with multi selector, auto range, partial range, and pump on/off functions.
- A variety of self-diagnosis functions are provided that detects malfunctions such as heater temperature error, temperature sensor burnout, and sensor resistance value error.

#### Superior maintainability

- The sensor can be replaced on-site
- Compact and lightweight for easy installation

### **About Yokogawa Corporation of America**

Yokogawa Corporation of America is the North American division of \$ 4 billion Yokogawa Electric Corporation, a global leader in the manufacture and supply of instrumentation, process control and automation solutions. Headquartered in Newnan, Georgia, Yokogawa Corporation of America offers a variety of clients with leading products on the market as analyzers, flowmeters, transmitters, controllers, recorders, data acquisition products, measuring instruments, distributed control systems, and more. For more information about Yokogawa, please visit our website [www.yokogawa.com/us](http://www.yokogawa.com/us).