



Corporate Marketing  
2 Dart Road  
Newnan, GA 30265  
Telephone: 770-254-0400  
Fax: 678-423-2601

## PRESS RELEASE

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

Date: March 28, 2012

Contact: [analytical@us.yokogawa.com](mailto:analytical@us.yokogawa.com)

Contact Phone: 1-800-888-6400

Release #: 1027

### **Yokogawa Releases pH sensor with built-in Temperature Sensing and Liquid Earth**

The new Yokogawa SC25V is a reliable, very stable and high-accuracy 12 mm pH sensor which uses a VP type connector to integrate multiple measuring elements in a single package, including a built-in temperature sensor and liquid earth.

Two versions of the sensor are available, both with a pH range from zero to 14 pH and designed for pressures up to 10 bar. The general-purpose version is suitable for moderate applications, and has an operating temperature range from -10° up to +80°C, while the high-temperature/alkaline version is designed for harsher applications, and has a temperature range from +15°C up to +130°C. It also incorporates a special chemical resistant glass to prolong its life in alkaline applications.

Both types include a PT1000 temperature sensor integrated into the pH compartment for more accurate temperature compensation, along with a silver/silver chloride reference system located close to the pH measuring glass for more accurate measurements during temperature fluctuations. The titanium liquid earth has a large surface with no polarization and a low risk of pollution.

The large surface area of the pH glass also results in very accurate, stable and rapidly responding pH measurements. The relatively thick glass makes the bulb suitable for heavy duty purposes and allows CIP and steam cleaning.

## **About Yokogawa Corporation of America**

Yokogawa Corporation of America is the North American division of Yokogawa Electric Corporation and a key part of Yokogawa's global network of 25 manufacturing facilities and 80 companies spanning 54 countries. Since its founding in 1915, the US \$3 billion company has been engaged in cutting-edge research and innovation, securing more than 7,200 patents and registrations, including the world's first digital sensors for flow and pressure measurement. Industrial automation and control, test and measurement, information systems and industry support are the core businesses of Yokogawa. For more information about Yokogawa, please visit our website [www.yokogawa.com/us](http://www.yokogawa.com/us).