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## PRESS RELEASE

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### **Yokogawa Releases New GC8000 Gas Chromatograph**

Yokogawa is pleased to announce the release of the new Process Gas Chromatograph — GC8000. Yokogawa has a long history of supplying process gas chromatographs to the oil & gas, refining and petrochemical industries around the world. The new process GC that meets the ever growing demands for analytical reliability and precision while improving the total cost-of-ownership through built-in automated maintenance functions never seen before.

From the innovative 12-inch color touch screen HMI to the powerful predictive diagnostics, the GC8000 is truly a process GC for the 21st century. But the GC8000 is not just all about new electronics; it also brings a number of important innovations in gas chromatograph analytical capabilities. For the first time, parallel chromatography is made practical with the introduction of the GC Module (GCM) concept. By setting up virtual GCs within a single analyzer, all chromatograph settings, displays, and data are truly segregated for easy understanding and maintenance. There are even built-in graphical overview screens showing each of the individual GC Modules.

The GC8000 sets new standards for process gas chromatography while at the same time offering hardware and electronics that are recognized for robust and reliable operation. Analytical hardware such as the valves and detectors are the same proven hardware used for

years in the GC1000 Mark II GC. Yokogawa is also committed to protecting GC1000 Mark II customer's investment in existing installations. In addition to many common spare parts between the two models, the new GC8000 uses the same Ethernet communications network as the GC1000 Mark II.

## **GC8000 Features**

### **Superior Analytical Performance**

- Wide range of analytical oven configurations can be customized to tackle even the most demanding applications
- High sensitivity Thermal Conductivity Detector (TCD) design is capable of measuring to the very low parts-per-million range
- Customized software scripts can be tailored to meet the specific calculation and reporting requirements of the user

### **Reduced Cost to Install System**

- Intuitive touch screen HMI simplifies analyzer maintenance as well as minimizing training for technicians
- Predictive maintenance software of the GC8000 system assists in keeping the analyzers operating at peak performance
- Storage and trend display of analysis results and key performance indicators aid in the troubleshooting of the analyzer

### **Global Service and Support**

- GC labs are strategically located around the world for regional technical support
- Full range of start-up, commissioning and field service capabilities are available regardless of the location of the final installation

## **About Yokogawa Corporation of America**

Yokogawa Corporation of America is the North American division of \$3 billion Yokogawa Electric Corporation, a global leader in the manufacture and supply of instrumentation, process control and automation solutions. Headquartered in Sugar Land, Texas, 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).

### **About Yokogawa**

Yokogawa's global network of 25 manufacturing facilities and 80 companies spans 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 web site at [www.yokogawa.com](http://www.yokogawa.com).