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PRESS RELEASE

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New Yokogawa SMARTDAC+ Data Acquisition Station

Newnan, GA- The GX and GP data acquisition stations and GA10 software are the first members of Yokogawa's all-new SMARTDAC+ product family that incorporates Smart User Interface, Smart Architecture, and Smart Functionality design principles.

GX and GP users can now measure more input signals, save data for longer time periods, and access that data more readily via touch display screens and an all-new real-time web browser interface.

GX and GP models begin with an all-new touch screen operator interface and fully modular and scalable I/O. The GX is a NEMA-4 rated panel-mount system, and the GP is a portable bench-top model and the functional twin of the GX. Both share the same performance specifications and standard high capacity SD flash memory data storage. Large GX20 and GP20 models feature a 12.1" touchscreen and the smaller GX10 and GP10 models feature a 5.7" touchscreen.

Only two buttons adorn the front panels- a record start/stop control and menu button. Press "Menu" and touch menus take over for all display navigation and setting functions of the units. Data is presented with the highest possible clarity on the standard trend, digital, bar graph and overview screens. Use of color is carefully chosen to call attention to important data and events.

New, proprietary resistive touch screen technology senses two touch points allowing unique swipe control and pinch in/out control for fast navigation and viewing of data displays. Trend history data can be reviewed with a swipe of the display or via a calendar search screen.

Users can quickly and easily enter descriptive batch and text message information via on-screen keyboard, an external USB keyboard or freehand on-screen with a pen stylus.

Completely new modular I/O architecture allows the user to add input channels and alarm relays in any combination and at any time, simply by purchasing the required module(s) and installing them in rear panel slots. The ten channel universal input module supports a full range of thermocouple, RTD, and DCV sensor measurements, as well as mA inputs with external shunt resistors. A sixteen-channel digital input and six-channel relay output module is also offered. GX20 and GP20 support up to 10 modules, for a rear-panel input capacity of 100 input channels. Smaller GX10 and GP10 models support up to 3 modules, for a 30 channel input capacity. The modules attach in seconds and are easily configured via the touch setting menus.

The standard Ethernet interface provides a full range of network functions that include web server, FTP file transfer, email messaging, Modbus TCP client/server connectivity and more. The sophisticated web server functions allow the user to access a multitude of real-time data displays with their web browser, including trend history. Setting changes are also browser controlled. No special software is needed to support this, simply connect with your browser as if viewing a web page.

GX and GP can send data report PDF files directly to a network printer for customers that require an automatic printed report.

New GA10 file viewing and configuration software is a free download. It supports viewing and reporting of the secure binary data files of the GX and GP, as well as configuration of all settings. The viewer has trend and numerical display modes, search and statistics functions, and text message entry. Data can be printed and converted to Excel file format for additional study. The configurator supports real-time setting changes and off-line setting file edit modes.

GX and GP readily adapt to the size and needs of a user's measurement and recording needs. Operators see data more clearly with faster and easier navigation and data reporting.

GX20 models are available now and GX10 and GP series models will be released for sale in January.

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 55 countries. Since its founding in 1915, the US$4 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.

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Yokogawa's global network of 90 companies spans over a total of 55 countries. Founded in 1915, the US$4 billion corporation conducts cutting-edge research and innovation. Yokogawa is engaged in industrial automation and control (IA), test and measurement, and other business segments. The IA segment plays a vital role in a wide range of industries including oil, chemicals, natural gas, power, iron and steel, pulp and paper, pharmaceuticals, and food. For more information about Yokogawa, please visit our website www.yokogawa.com.