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PRESS RELEASE

FOR IMMEDIATE RELEASE

Date: July 21, 2005
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Release #: 778

Yokogawa Completes Update of Top-selling μR Series - Releases μR20000 Industrial Recorder for Use with 180-mm Recording Charts

Tokyo, Japan – Yokogawa Electric Corporation announces the release of the μR20000, an advanced industrial recorder that is designed for use with 180-mm recording charts. The μR20000 will go on sale on August 10. This follows the release last November of the μR10000 recorder, which is intended for use with 100-mm wide recording charts. With the launch of the μR20000 recorder, Yokogawa has completed its update of the μR series.

The μR20000 is the successor to the μR1800, which has been a best seller in the 180-mm product category since its launch in 1992, thanks to its excellent reliability and advanced functions. With its state-of-the-art technologies, the μR20000 now offers even better reliability, weighs less, and consumes less power than its predecessor while offering the same excellent functionality and operability.

Development Background

Chart recorders have won wide acceptance in many different fields because users are able to visually verify measured data on the spot and write notes directly on the recording charts. The μR1000 and μR1800 have been global top-sellers since they first went on sale in 1992. While inheriting all the functions that have made the μR series so popular with users, the μR20000 recorder meets the latest user requirements through its incorporation of such features as a large display and Ethernet compatibility.

Product Features

1. Improved data display and simplified setup

The μR20000's large full dot matrix VFD* dramatically improves the display of measurement data and allows greater flexibility in how that data can be viewed. For example, it enables the combined display of measured numerical values and bar graphs. In addition, the μR20000 has a navigational display that supports operators by greatly simplifying the initial parameter setup procedure.

* Vacuum fluorescent display: a display device based on vacuum tube technology that is widely used in vehicles and industrial equipment.

2. Lower power consumption and reduced weight

The number of components has been dramatically decreased through the use of advanced molding technology and by downsizing and densely integrating mechanical parts such as the servo motor. The μR20000 consumes 20% less power and weighs 10% less.

3. A wider choice of recording and printing functions

The traces can be compressed or expanded partially to record data according to the measurement conditions. In addition, a separate area (zone) can be used for recording each channel. It is also possible to print measured data, points of alarm occurrence/cancellation, and messages.

4. Ethernet compatibility (optional)

Measured data can be acquired over an Ethernet network, in addition to the conventional RS-422A/RS-485 interfaces.

The μR20000 is targeted at manufacturing operations, particularly those in the process sector, and includes such industries as power generation, water supply and drainage, petrochemicals, chemicals, steel, pulp and paper, foods, and pharmaceuticals. The targeted application for the μR20000 is the measurement of production process data such as temperature, pressure, flow rate, and chemical composition.

Yokogawa's Approach Toward This Field

Since the release of the ER series of electron-tube null-balancing recorders in 1951, a first for Japan, Yokogawa has sold more than 1.2 million industrial recorders and earned the leading market share worldwide. The μR100/180 recorders were the first to incorporate a microprocessor and became the world's best-selling products when they were introduced to the market in 1985. In 1992, Yokogawa took the lead in this market by releasing the μR1000/1800 recorders, which employed high-voltage solid-state relays and a brushless DC servo motor to achieve advanced reliability. Over the years, Yokogawa has remained at the forefront of the global recorder market. By updating the μR series in response to the latest market needs, the company aims to expand its recorder sales and progress toward its goal of becoming the global leader in industrial automation by 2010.

About Yokogawa

Yokogawa's global network of 18 manufacturing facilities, 83 affiliate companies, and over 650 sales and engineering offices spans 28 countries. Since its founding in 1915, the US$4 billion company has been engaged in cutting-edge research and innovation, securing more than 7,000 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

About Yokogawa Corporation of America

Yokogawa Corporation of America is the North American unit 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 serves a diverse customer base with market-leading products including analyzers, flowmeters, transmitters, controllers, recorders, data acquisition products, meters, instruments, distributed control systems, and more.

For more information about Yokogawa Corporation of America, visit www.yokogawa.com/us/, call 770-254-0400, or toll-free at 800-258-2552, or e-mail info@us.yokogawa.com.