

PRESS RELEASE

FOR IMMEDIATE RELEASE

Date: December 1, 2015

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Release #: 1176

Yokogawa Corporation of America Releases the CA300 Series Process Calibrators

Yokogawa Corporation of America announces that it will release three models of the CA300 series single function calibrators on December 2, 2015. The CA300 series is a high accuracy source and measure portable handheld calibrator used to inspect and maintain the accuracy of control devices such as temperature controllers, temperature transmitters, temperature sensors and other process devices which are used in process plants, industry machinery, and manufacturing. Available in three models, the CA310, CA320, and CA330 provide an ergonomic and friendly user interface.

The CA300 series offers three source and measurement models:

Name	Model	Suffix Code	Description
Volt mA Calibrator	CA310		Voltage and Current Simulate Model
TC Calibrator	CA320		Thermocouple Simulate Model
RTD Calibrator	CA330		RTD Simulate Model
		/TE	Add °F setting procedure (for CA320, CA330)

The CA300 series includes the continued models of voltage calibrator CA11E, and temperature calibrator CA12E. While maintaining a low cost, the CA300 series achieves the highest source/measurement accuracy compared to other instruments in the same class concerning

functionality and performance. With this release, Yokogawa aims to expand our sales through the calibration business.

Development Background

It is periodically required to calibrate and inspect control devices to maintain their accuracy. As there are higher concerns on stable and safe operation for plants, the importance of maintenance and inspection is more of a focus. Thus, process calibrators are required to be capable to perform much more efficient operations in the field with higher quality. Moreover, as the control devices themselves are getting more precise, it is required for the process calibrator to be more precise and with higher performance. Corresponding with those needs, Yokogawa releases the CA300 series single function process calibrator with the highest accuracy of source and measure in its class, which supersedes the voltage/current calibrator CA11E and temperature controller CA12E.

CA320 Key Features:

- Basic accuracy: 0.5°C (Typical of TC type K) including accuracy of internal RJC
- Corresponds to 16 types of TC standard
- Corresponds to other TC types by mV source function
- Measures TC sensor output as a thermometer

CA330 Key Features:

- Basic accuracy: 0.3°C (Typical of PT100)
- Corresponds to 14 types of RTD standard
- Corresponds to 2, 3, 4 wire; realizes RTD simulation
- Measures output of RTD sensor as a thermometer

Major Target Markets

Testing and plant maintenance of process instruments, calibration devices, and troubleshooting. Used in various industries, such as oil refineries, petrochemical, chemical, power, steel, gas, pipeline, water system, pharmacy, paper, electric machinery and automobile

Applications

For commissioning or regular inspection of the following:

- All types of loop test with control devices

- Valve test
- Temperature control, calibration, and checking of temperature sensor, etc.

About Yokogawa Corporation of America

Yokogawa Corporation of America (<http://yokogawa.com/us>) is a leading provider of Industrial Automation and Test and Measurement solutions. Combining superior technology with engineering, system integration, project management, and maintenance services, Yokogawa delivers field-proven operational efficiency, safety, and reliability. Yokogawa Corporation of America is headquartered in Sugar Land, TX, and is the North American Division of Yokogawa Electric Corporation's global network of 25 manufacturing facilities and 4 regional project engineering centers.

About Yokogawa

Yokogawa's global network of 88 companies spans over a total of 56 countries. Founded in 1915, the US\$3.5 billion company engages in cutting-edge research and innovation. Yokogawa is active in the industrial automation and control (IA), test and measurement, aviation, 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.