

## PRESS RELEASE

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### **Yokogawa Announces GS610 Source Measure Unit**

***This new instrument combines the functions of a precision DC Power Supply and a Digital Multimeter with USB and Ethernet interface capability***

Newnan, Georgia –Yokogawa Corporation of America, a world leader in test and measurement instruments, introduces their new Model GS610 Source Measure Unit, designed for testing the DC characteristics of semiconductors, evaluation of photovoltaic cells, charge and discharge characteristics for rechargeable batteries, and many other applications. The GS610 includes as standard a USB port, GPIB and RS-232C communication interface, and an optional Ethernet port.

The GS610 combines a precision, programmable DC power supply with an accurate 5½ -digit multimeter in a compact half-rack size, simple and easy to use instrument. Yokogawa's Source Measure Unit operates in a four-quadrant mode, providing a current source and current sink or load operation. Voltage generation and measurement range is from 200 mV to 110 Volts with 1-microvolt resolution. The current generation and measurement range is from 20-micro amps to 3.2 Amps with 100-pico-amp resolution. Maximum power is 60 Watts. Measurement functions include Voltage, Current and Resistance. The Voltage/Current generation function of the GS610 operates in DC generation mode or pulse generation mode. The unit has four operation modes - - continuous output, linear sweep, log sweep and program sweep, which are available for each generation mode. In the program sweep mode, the user can define an arbitrary sweep pattern. The output level can be changed at a minimum of 100 microsecond intervals in each sweep mode.

The GS610 offers a unique, easy to use file operation with the USB storage function. There is absolutely no cumbersome programming or installation of dedicated software programs required in order to generate output patterns or retrieve measured results. When the GS610 is connected to a PC via the USB, the PC detects the GS610's internal memory as a USB storage device. A program pattern file is simply created in the PC with a general-purpose worksheet application such as Excel®. The user just drags and drops the program file to the GS610. Retrieving the stored measured data from the GS610 is just as simple. Again the user drags and drops the memory file from the GS610 to the PC.

For more information about Yokogawa test & measurement instruments, including digital oscilloscopes, power analyzers, and others, contact your local Yokogawa office or sales representative. Additional information can be found at {[www.yokogawa.com/tm](http://www.yokogawa.com/tm)}.

### **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/](http://www.yokogawa.com/us/), call 770-254-0400, or toll-free at 800-258-2552, or e-mail [info@us.yokogawa.com](mailto:info@us.yokogawa.com).