

## PRESS RELEASE

### ***FOR IMMEDIATE RELEASE***

Date: July 21, 2003

Release #: 668

## **Yokogawa Introduces DC and Battery-Powered Versions of Their Long Memory 200 MHz Digital Oscilloscopes**

Newnan, GA - Today Yokogawa Corporation of America introduces the DL1640 DC and DL1640L DC - new additions to its DL1600 Series of digital oscilloscopes. These new members, like the rest of the 1600 Series, offer 200 MHz bandwidth, up to 200 MS/s sampling rates and extremely long memory – up to 32 Mword (32 million data points) simultaneously on each of four channels. These new additions to the DL1600 Series scopes can be used anywhere; making them indispensable for a variety of non-benchtop applications.

The new DL1640 DC and DL1640L DC can be powered in three different ways: using a battery, 12V DC, or AC power. Using the optional battery box connected to the oscilloscope, users get 2 hours or more of battery-powered scope use. When connected to an AC power source, the battery makes use of its internal charger and recharges in about 4.5 hours. Using the battery offers the added benefit that acquired waveforms are unaffected by noise from an external power supply.

The ability to power the oscilloscope directly using a 12V DC is perfect for in-vehicle testing. The ability to power your scope using a vehicle's power supply provides convenience for performing track, road, or off-road testing.

Finally, the new DL1600 DC scopes can also be powered using standard AC power. Connecting the battery box to AC power allows you to power the instrument while recharging the battery. Plus, in case of an AC power failure, the battery will take over and provide uninterrupted waveform acquisition.

The entire Yokogawa DL1600 Series of digital oscilloscopes offers an unparalleled list of features and capabilities:

200 MHz analog bandwidth

200 MS/s sampling

Extremely long memory – up to 32 Mword simultaneously on 4 channels

Small and lightweight: less than 11 lbs. and a footprint about the size of a A4 piece of paper

I2C, SMBus and SPI bus analysis capabilities

History Memory – capture up to 16,000 acquired waveforms in memory for post-acquisition viewing, search and analysis

9 lowpass filters (cutoff frequencies of 20 MHz down to 10 kHz) to select from for each channel

High resolution mode increases A-to-D resolution up to 13 bits

Powerful roll mode functionality – update automatic waveform parameters and math waveforms during acquisition

Advanced networking and PC connectivity – a built-in web server and FTP server gives you the ability to control the instrument and collect data from anywhere

Built-in printer for immediate hardcopies of your acquired waveforms

The DL1600 DC models start at \$5,995. The optional battery costs \$625.

Please contact Yokogawa Corporation of America for additional details.

### **About Yokogawa Corporation of America**

Yokogawa Corporation of America is the North American unit of \$3 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 [us.yokogawa.com](http://us.yokogawa.com), call 770-254-0400, or toll-free at 800-258-2552.