

Date: November 6, 2005

NOVATECH

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For Immediate Release

**Novatech Instruments, Inc. Model 440A 400MHz Signal
Generator has 1Hz resolution and 2ppm accuracy.**

NOVATECH INSTRUMENTS, INC. is pleased to introduce the Model 440A 400MHz Direct Digital Synthesizer (DDS) Signal Source. The 440A is a shielded table top instrument that generates a precision sine wave programmable from 200kHz to 400 MHz in 1Hz increments. The relative phase of the 440A output signal can be set to a resolution of 14-bits, or 0.022 degrees. The 32-bit DDS technology used in the 440A provides a low phase noise sine wave, making the 440A ideal for use as a test source in demanding applications like semiconductor and telecommunications device testing and radar simulation.

The 440A contains an internal TCXO that is stable to 2ppm per year or it can be locked to an external reference, such as a Cesium or Rubidium atomic standard. When locked to a standard it provides the same frequency accuracy as the standard. The user programs the 440A by sending simple text commands via an RS-3232 serial interface. Once programmed, the user can save the 440A settings in EEPROM, thus insuring that the settings will not be lost after a power cycle. The 440A is programmed using the provided menu-based software or any serial control device.

The 440A requires only a single five volt supply for operation, which is supplied by the provided AC-adaptor, allowing operation from 90-240VAC.

The 440A is available from stock for \$995.00. OEM discounts and custom versions are available.

See the complete details on our web site: <http://www.novatech-instr.com/>

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enclosed: 440A Color Photo, Data Sheet.

Hi Resolution Jpeg Photo: <http://www.novatech-instr.com/images/440A.jpg/>

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