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NOVATECH

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For Immediate Release

**Novatech Instruments, Inc. Model 409A 170MHz Signal
Generator has Four Phase Synchronous Channels.**

Novatech Instruments, Inc. announces the Model 409A, a four-channel 170MHz **D**irect **D**igital Synthesizer (DDS) Table Top Signal Generator with 0.1Hz frequency resolution and ± 1.5 ppm accuracy.

The 409A features four phase synchronous sine or cosine outputs up to 170MHz, serial control, 500MHz external clock input, and on-board TCXO (temperature compensated crystal oscillator), stable to ± 1.5 ppm: all in a small table-top shielded instrument case.

Based upon the Analog Devices AD9959, the 409A has 32-bits of frequency resolution, 10-bits of amplitude resolution, and 14-bits of phase resolution on each of the four channels. The small table top case allows the 409A to be integrated into test stations and other applications requiring multiple and frequency agile outputs. When used with the external clock input, all 409A units can be synchronized to a system-wide frequency standard.

For ATE applications, the 409A can store up to 32k profile points consisting of phase, frequency, dwell time, and amplitude settings. The profile can then be sequenced automatically without further control from the host computer.

The serial control with simple text commands features non-volatile storage of all settings. Menu driven control software (SOF8) is included. The 409A operates from a nominal +5VDC power source using the provided AC adapter, or a customer supplied +5VDC. Up to four Model 409A can be mounted in optional rack-adaptor to fit 16 channels in a single 1U space.

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

The 409A is available from stock for \$995.00. OEM discounts and custom versions are available.

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enclosed: 409A Color Photo, Data Sheet.

Hi Resolution Jpeg Photo: <http://www.novatech-instr.com/images/409A.jpg/>

PDF data sheet: http://www.novatech-instr.com/PDF_files/409A_ds.pdf/