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**NOVATECH**

**Instruments, Inc.**

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*For Immediate Release*

## **Model 2910B/RACK Four 30MHz Synthesizers in a 1U Rack.**

NOVATECH INSTRUMENTS, INC. is pleased to introduce The Model 2910B/RACK, a Four Channel DDS Signal Generator in a 1U Rack Mount Instrument Case. The 2910B/RACK outputs four programmable frequencies that can be independently set to any value between 100Hz and 30MHz with a resolution of 1 $\mu$ Hz. Each frequency is provided on two buffered output connectors, for a total of eight outputs, which are factory configured as +13dBm sinewaves, TTL clock signals or differential clock signals (BNC for Sine and TTL; Triax for differential).

Each synthesizer internal to the 2910B/RACK contains an independent temperature compensated crystal oscillator stable to  $\pm 3$ ppm per year. These oscillators can be locked to an external standard, (instrument standards of 1, 2, 5 and 10MHz or the telecom standards of 1.544 and 2.048MHz), such as a Rubidium or Cesium clock, providing the same accuracy and stability as the external frequency standard.

There are two independent illuminated displays on each 2910B/RACK. Each two-line display has an associated rotary encoder and control buttons for setting the desired frequency on two output channels. The output frequencies can be controlled remotely via RS232 serial interfaces using simple text commands. All settings can be auto-saved in non-volatile memory upon power down. Other than AC power, each section is independent.

The high density of a 1U rack and the multiple output frequencies makes the 2910B/RACK ideal for applications which require non-standard output frequencies, such as calibration stations, modem control equipment and satellite communications systems.

The 2910B/RACK base price is \$5,750. Delivery lead-time is stock to 6 weeks. Custom configurations are available. See complete details our web site: <http://www.novatech-instr.com/>

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enclosed: 2910B/RACK Color Photo, Data Sheet and Price List.

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