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For Immediate Release

2975AX Frequency Standard Features 20MHz Synthesizer

NOVATECH INSTRUMENTS, INC. introduces the Model 2975AX Disciplined Quartz Frequency Standard. This bench-top instrument provides a cost-effective means to generate precise frequency reference signals for laboratory instruments, communication systems or other test and measurement equipment. Containing an ovenized quartz crystal time-base, the 2975AX has a stability of $\pm 5 \times 10^{-11}$ per day when disciplined to a 1pps source, with daily aging better than $\pm 1 \times 10^{-10}$ during holdover. The 2975AX uses an auto-adaptive disciplining algorithm, requiring no user intervention or tuning, that tracks the 1pps from a GPS receiver or smart antenna. The 2975AX features one 10MHz and one 5MHz outputs on the front panel, along with a synthesized output. Simple front-panel controls and two-line display allow setting the synthesized frequency in 1 μ Hz steps up to 20MHz. The synthesized output frequency is automatically saved in EEPROM, so after a power interruption the 2975AX outputs remain the same. The display shows the status of 1pps tracking. Two additional BNCs are on the rear panel for 1pps input and output.

The 2975AX list price is \$1,995. The GPS1 Smart GPS Antenna is available as an accessory for \$1,295. Combined with the GPS1, the 2975AX provides a complete turn-key solution for an engineering or calibration laboratory. Delivery is stock to 4 weeks.

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

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enclosed: 2975AX Color Photo and Data Sheet.

2975AX Photo: <http://www.novatech-instr.com/images/2975ax.jpg>
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