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NOVATECH

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For Immediate Release

Model 2955AR Rubidium Frequency Standard has Programmable 30MHz Output.

The Model 2955AR Rubidium Frequency Standard contains a Direct Digital Synthesizer locked to the internal Rubidium Oscillator providing any frequency between 100Hz and 30MHz in 1 μ Hz steps with atomic clock accuracy and stability along with fixed outputs at 10MHz, 1MHz (5MHz optional), and 1pps (pulse per second). The 2955AR is attractively priced compared to most Rubidium products offering only fixed frequency outputs.

The synthesized output can be preset to a user specified frequency or user programmed in the field by simple ASCII commands via an RS232 interface, which are saved in non-volatile EEPROM memory. The 2955AR is ideal for communication system applications since it can be set to frequencies, such as 1.544MHz T1, 2.048MHz E1, 13MHz GSM, and 1.2288MHz CDMA, up to 30MHz without re-configuration or re-calibration.

With a monthly stability of $\pm 5 \times 10^{-11}$, the 2955AR meets the demanding requirements of master oscillators in laboratories and ground stations as well as general test and calibration applications. Field calibration applications will benefit from the fast warm-up time of less than 10 minutes to $\pm 1 \times 10^{-9}$.

The 2955AR list price is \$4,950. Delivery lead-time is stock to 8 weeks. Special versions are available. See complete details our our web site: <http://www.novatech-instr.com/>

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enclosed: 2955AR Color Photo, Data Sheet and Price List.

Jpeg Photo: <http://www.novatech-instr.com/images/2955AR.jpg/>
Tif Photo: <http://www.novatech-instr.com/images/2955AR.tif/>
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