



# Rubidium Oscillator Range from Precision Test Systems



## Key Features

- 5, 10 MHz output or any frequency to 100 MHz
- Ageing to  $2 \times 10^{-11}$  per month
- High Thermal Stability to  $2 \times 10^{-11}$  (0 to 50 °C)
- Low 1 second Allan Deviation of  $5 \times 10^{-12}$
- 5V, 12V and 24 V versions
- Low Cost

## Optional Features

- Programmable Frequency Outputs
- External locking input. Synchronize rubidium to external signal (GPS, 1pps, 10 MHz etc.)
- Very Low Phase Noise options
- Fully encased versions with AC power supplies and multiple outputs

## General Description

Precision Test Systems manufacturer and supplies many different types of rubidium oscillators. Rubidium oscillators are typically 30 times more stable than the best crystal oscillators but often don't cost much more. Outputs can be Sinewave, Squarewave (TTL, ECL, CMOS levels). Different frequencies like 1 pps or any frequency to 100 MHz.

## Applications

- UMTS and CDMA Base Stations
- Satellite, Communication and Navigation Systems
- General Workshop frequency standard
- Replacement for expensive low ageing crystal oscillators

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Full specifications available from [www.ptsyst.com](http://www.ptsyst.com). Specifications and features subject to change without notice (290311)