



Rubidium Oscillator Range from Precision Test Systems



Key Features

- 5, 10 MHz output or any frequency to 100 MHz
- Ageing to 2×10^{-11} per month
- High Thermal Stability to 2×10^{-11} (0 to 50 °C)
- Low 1 second Allan Variance of 5×10^{-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

United Kingdom	South Africa	USA
Precision Test Systems LTD 40 Holkham Avenue, South Woodham Ferrers Essex, CM3 7AU, England Tel: +44 (0) 845 052 0920 Fax: +44 (0) 1245 330030 Email: uksales@ptsyst.com Web: www.ptsyst.com	Precision Test Systems cc P.O Box 1344 Witkoppen 2068 Gauteng Fax: 08651 58198 Email: sasales@ptsyst.com Web: www.ptsyst.com	Precision Test Systems Suite # 981 14781 Memorial Dr. Houston, TX 77079 Tel: 1 888 876 4804 Fax: 1 760 923 6354 Email: usasales@ptsyst.com Web: www.ptsyst.com

Full specifications available from www.ptsyst.com. Specifications and features subject to change without notice (140208)