

Pendulum Instruments introduces CNT-91R, a compact high-performance frequency calibrator/analyzer

Stockholm October 1st, 2008. Pendulum Instruments, a company of the Orolia Group, announces the introduction of CNT-91R, an all-inclusive high performance calibrator of frequency sources, that combines high resolution measurements and advanced analysis, and a built-in ultra-stable Rubidium atomic reference clock. Its compact format, and its short warm-up time make the CNT-91R an ideal transportable frequency calibrator/analyzer.

The graphic LCD gives on-screen statistical parameters like mean frequency value, Standard and/or Allan Deviation of frequency, plus unique graphic analysis like viewing initial frequency drift vs. time. The combination of ultra-high stability and resolution enables very fast and accurate frequency calibration. Frequency measurements are made back-to-back, with zero dead-time to enable correct calculation of Allan Deviation.



Main product features and benefits are :

- Calibration/Analysis of the highest precision OCXOs
- Ageing per month is $<5 \cdot 10^{-11}$
- Short warm-up time, only 12 minutes to reach $5 \cdot 10^{-10}$
- Frequency resolution is 12 digits in one second measurements
- Graphic display shows numerical statistics data, histograms or trends (frequency vs. time)
- Compact “one-box-solution” for portable frequency calibration and analysis

The instrument is available for deliveries in January 2009.

For more information, please contact info@pendulum.se or visit www.pendulum-instruments.com.

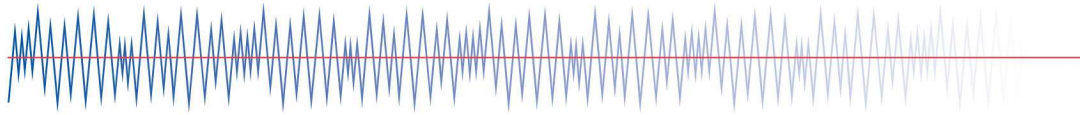
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About Pendulum Instruments

Pendulum Instruments, a company of the Orolia Group, is the world's expert in time and frequency, calibration, measurement and analysis, with over 50 years of experience in test and measurement instrumentation. An industry leader serving the electronics, communications, metrology and military markets with a product portfolio of frequency counters, frequency standards and distribution systems, synchronization products, and wireless test equipment. A global company headquartered in Stockholm, Sweden with offices and subsidiaries in China, Russia, USA and Poland. Pendulum Instruments serves customers in over 100 countries. Information about Pendulum Instruments is on the web at www.pendulum-instruments.com



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Incorporating XL Microwave

About Orolia

Orolia, a precision electronics technology group, brings together branded leading-edge companies specialized in high-precision time and frequency solutions systems for mission-critical applications. The group includes four companies: SpectraTime, T4 Science, Spectracom and Pendulum Instruments. Orolia's companies develop and market systems that produce, distribute and measure ultra-high precision signals through information networks in large and growing high-end markets, such as space and navigation, defense and security as well as telecommunications and broadcasting. These systems are deployed in a number of countries in Europe, Asia and North and South America. Orolia has committed to an accelerated growth strategy through acquisitions (companies, products, technologies). Orolia's headquarters is located in Les Ulis, France, and the company also has offices in Neuchatel, Switzerland in Stockholm, Sweden and Rochester, New York.
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