

New Products

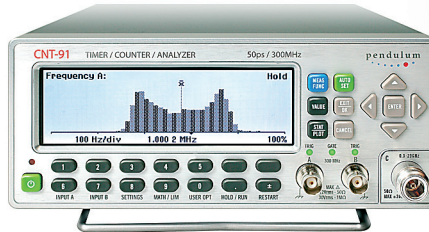
Timer/Counter/Analyzer

The new CNT-91 extends the award-winning CNT-90 family, and offers the world's most powerful timer/counter/analyzer available on the market today. The CNT-91 includes all of the unique features of the CNT-90 such as; graphic display of histograms, trend lines and modulation, zero dead-time measurements, and USB and GPIB as standard. In addition, the CNT-91 provides higher speed, greater resolution, and continuous data "streaming" during, not after, measurements.

Use of this instrument can be found in many applications for example in production test and R&D of oscillators, wireless, telecom, military electronics, and advanced research incl. modulation domain analysis to 20 GHz.

CNT-91

- High resolution; 12 digits/s (frequency), 50 ps (single-shot time)
- Unique graphic display of jitter, histogram, trend and modulation domain
- 250k measurements/s to internal 3,5M total result memory
- World's fastest measurements via GPIB/USB; 2.6k measurements/s (talker only) and 15k measurements/s (block mode)
- Continuous data streaming during, not after, measurements
- Zero dead-time measurements of frequency and period, plus all timer/counter functions
- Modulation domain analysis to 20 GHz



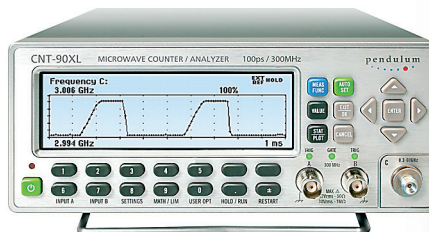
Microwave Counter/Analyzer

The CNT-90XL sets new milestones for microwave frequency counting and offers the highest resolution and measurement speed available on the market. The CNT-90XL is a CW counter with burst capabilities, outperforming all current microwave counters/analyzers on the market in resolution, speed and acquisition time. The CNT-90XL includes an integrated power meter, with frequency range to 60 GHz, and as with the entire CNT-90-family it includes the unique on screen graphics displaying jitter, histogram, trend and modulation.

The applications for the CNT-90XL include R&D test and maintenance of radar and communications equipment, microwave sensor components and modules testing, and servicing microwave links in telecom.

CNT-90XL

- Frequency range up to 27, 40, 46 and 60 GHz
- Up to 250k measurements/s of frequency or power
- Modulation domain analysis to 60 GHz
- View FM or AM on graphic display
- mHz resolution on GHz signals
- Frequency or power stability, settling or drift
- All timer/counter functions to 300 MHz



CNT-91

CNT-90XL

pendulum

Incorporating XL Microwave

www.pendulum-instruments.com