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Pendulum Instruments launches 2- and 4-channel counter/analyzers for test systems applications

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Content

Pendulum Instruments, a global expert in time and frequency measurement, analysis, and calibration, today announced the new [CNT-102B](#) and [CNT-104B Multi-Channel Frequency Analyzer](#).

Expanding Pendulum's *Multi-Channel* Frequency Analyzer series, the CNT-102B and CNT-104B are the 4th and 5th instruments in the series, supporting respectively 2 or 4 parallel and independent time/frequency measurements in a bench-top format.

The new instruments are optimized for automated test systems, where the control program communicates over LAN, WLAN or GPIB. They are display-free, with rear panel inputs as standard, and provide a cost- and space-effective solution for test systems using multiple legacy counters, with up to 8 parallel counters in a 19", 2U rack format.

All key functionalities from the pioneering and award winning 4-channel CNT-104S Multi-channel Frequency Analyzer have been inherited, including simultaneous and gap-free measurements of Frequency and Time parameters. Standard input frequency range is up to 400 MHz, and an optional RF input extends bandwidth up to 24 GHz. Resolution is 14 ps, and measurement speed to internal memory is 1M values/sec.

"Over the past years we have noted an increased customer demand for our multi-channel frequency analyzers for parallel testing of multiple test objects. We have listened to our customers' wishes for a blind-panel version of our multi-channel counters. Test systems builders have no need for a display, and require rear inputs as standard, and protection against accidental user interference with the control program. For defense contractors the risk of accidentally showing classified frequencies is removed." says **Harald Kruger**, CEO of Pendulum Instruments. "The launch of the blind-panel CNT-102B and CNT-104B models will strengthen our ability to satisfy especially test systems builder's needs" he continued.

Supporting Links:

<https://pendulum-instruments.com/products/frequency-counters-analyzers/cnt-102b/>

<https://pendulum-instruments.com/products/frequency-counters-analyzers/cnt-104b/>

Tags:

Aerospace & Defense, Crystals & Oscillators, Electronic Manufacturing, Industrial Applications, Industrial Automation, Military, RF, Semiconductor Manufacturing, Semiconductor Testing, Test & Measurement

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About Us:

Heading : About Pendulum Instruments

Pendulum Instruments is a world-leading supplier of test & measurement solutions for measurements, analysis, and calibration of time and frequency with 60+ years' experience. Latest company acquisitions in 2020 include Detectus AB, experts in EMC-Scanning, and FLC Electronics AB, experts in High-Voltage Linear Amplifiers.

Pendulum Instruments has offices in Sweden, Poland, USA, and China, and has a global distribution network with approx. 100 distributors and sales representatives worldwide.