For Immediate Release: Universal Counter with 40ps time interval resolution and 12 digits of frequency resolution.

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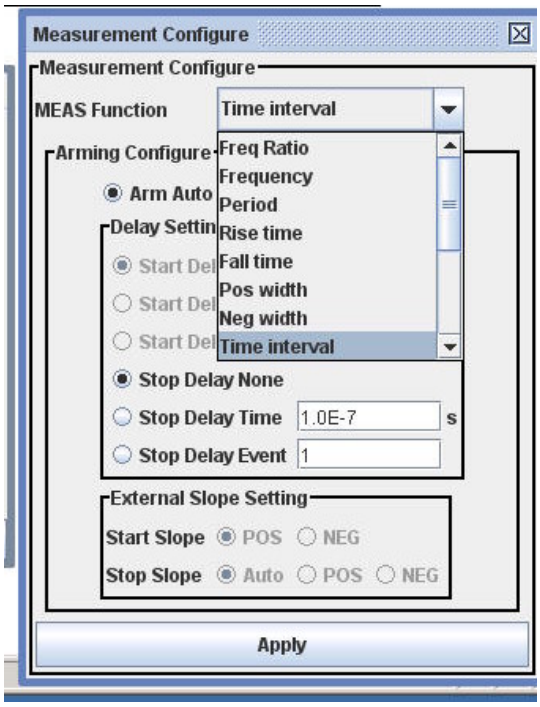
Berkeley Nucleonics Corporation, founded in 1963, offers a wide range of test and measurement instrumentation. We specialize in precision amplitude and time-domain capability, offering pulse generators that provide amplitude resolution of 10ppm and amplitude stability of 5ppm. To measure signals with unprecedented accuracy, we are introducing the Model 1105 Universal Counter.

Standard functions in the Universal Counter include frequency and frequency ratio measurements, period measurements, time interval, pulse width and duty cycle. Counting functions include rise/fall times, period, phase counting and event counts. More complex statistical measurements include duty cycle measurements, voltage peak measurements, mean, min/max, delta and standard deviation measurements.

The unit offers 2 channels of 400MHz counting, which can generate a ratio measurement. The 3rd channel, which is included standard, offers counting up to 6.0 GHz.



"The technology advancement in this product is a new DSP technique that allows faster measurements. Once we collect the data, we can report on it in many ways. The web-interface is a useful tool also, particularly during more complex setups or to command multiple units", comments John Yee, Applications Manager.

The built-in mathematical functionality, such as setting a number of samples and analyzing the mean, min/max, delta and standard deviation, is unique to the frequency counting industry. Scale and offset are available to address and compensate for systematic problem occurrences.

"One example was in shock wave measurements, when a customer took advantage of the 40ps time interval measurements. He had to determine the time between a start event and a

stop event. The Model 1105 made these measurements as well as some single shot measurements. The statistics collected (mean, min/max, standard deviation) on a user specified number of shots were useful too", comments Mark Slattery, one of the BNC Application Engineers available by phone or online-chat-room on the BNC Website.

LAN control uses an ethernet IP configuration, and gives any computer with a browser a comprehensive GUI. This allows multiple units to be controlled by one workstation. BNC offers a data logging software package as well at no additional cost. The 1105 command set incorporates widely accepted SCPI commands, and has it's own troubleshooting guide / help menu as needed.

The introductory cost of the Model 1105 is $1,765.00 for US customers, giving great value to a top-performance instrument. See the website video tutorials to learn more about the new features in the Model 1105 Universal Counter.

About Berkeley Nucleonics - BNC is a leading manufacturer of precision electronic instrumentation for test, measurement, and nuclear research. BNC continues to maintain a leadership position in development of custom pulse, signal, light, and function generators. BNC designs incorporate the latest innovations in software and hardware engineering, surface mount production, and automated testing procedures.

BNC is committed to maintaining its tradition of technical excellence into the new millennium by continually strengthening support channels and being responsive to the rapidly changing technological priorities of its customers. See our $100 Application Challenge, an opportunity for every customer to propose a custom requirement.

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