
Press Release

Media contact: Guido Wolf, Teledyne LeCroy

+49 (6221) 8270-74

Website: teledynelecroy.com

Teledyne LeCroy Introduces High Sensitivity Current Probes for Accurate Measurements Down to 1 mA/div

Chestnut Ridge, NY, April, 2015 – Teledyne LeCroy today introduces the CP030A and CP031A high sensitivity current probes. These probes provide sensitivity down to 1 mA/div allowing users to measure current from the mA range up to a continuous current of 30Arms and peak current of 50A all with the same probe. The probes provide a small form factor for today's crowded boards. The small jaws can probe currents in tight spaces and still clamp onto conductors up to 5 mm in diameter. The CP030A and CP031A feature a bandwidth of 50 MHz and 100 MHz, respectively.

The CP030A and CP031A expand the capabilities of the Teledyne LeCroy current probe family to a wider range of applications by providing the ability to measure and analyze low current waveforms. The sensitivity of 1 mA/div combined with 1% DC and low frequency accuracy allows for more precise and accurate low current measurements on Teledyne LeCroy oscilloscopes. When used with HDO high definition oscilloscopes with HD4096 technology, users will obtain highly accurate, low current waveforms with unmatched 12-bit resolution for improved debug and analysis.

Many current probes require external power supplies or amplifiers to display a waveform on the oscilloscope screen. The CP030A and CP031A probes connect to the oscilloscope through the ProBus interface and require no additional hardware. Along with providing power, the ProBus connection allows the current probe and oscilloscope to communicate, resulting in current waveforms automatically displayed on screen in Amps, and calculated power traces scaled correctly in Watts. This full integration also allows for Degauss and Autozero functions to be done directly from the oscilloscope's user interface.

About Teledyne LeCroy

Teledyne LeCroy is a leading manufacturer of advanced test instruments that measure, analyze, and verify complex electronic signals. The Company offers high-performance oscilloscopes and protocol test solutions used by electronic design engineers in a wide range of application and end markets. Teledyne LeCroy is based in Chestnut Ridge, N.Y. For more information, visit Teledyne LeCroy's website at teledynelecroy.com.

© 2015 by Teledyne LeCroy. All rights reserved. Specifications are subject to change without notice.