

Press Release



Pico Technology launches new 3-channel mains current data logger



Editors: download a high-res image from <http://press.picotech.com/mediabank/PicoLogCM3.html>

The new PicoLog CM3 USB/Ethernet Current Data Logger is a compact, easy-to-use instrument for measuring the power consumption of buildings and machinery. With three channels, it can monitor current in single-phase and 3-phase AC installations. Applications include monitoring three-phase motors and generators, measuring the consumption of heating, ventilation and air conditioning (HVAC) systems, and balancing phases in multiphase supplies. The logger is supplied complete with three AC current clamps and a powerful data acquisition software package.

The PicoLog CM3's measuring range is 0 to 200 A, with an accuracy of +/-1% and less than 10 mA of noise. Conversion resolution is 24 bits. The current clamps comply with IEC1010-1 (1995), and with EN61010-1 (2001) at Cat. II 600 V, Cat. III 300 V.

The Current Data Logger is supplied with the PicoLog data logging software, which runs on any PC with Windows XP or later. PicoLog can collect data from up to 20 PicoLog CM3s at programmable intervals from 720 milliseconds per channel up to minutes, hours or even days. It displays readings in a monitor window with optional limit alarms, alongside optional live graph and table views of the same data. You can export readings in a standard text format compatible with other spreadsheet and analysis programs. A software development kit is also included, containing Windows DLLs, drivers and example code, allowing you to integrate the device into your own software.

"The dual USB/Ethernet interface means that you can locate this data logger anywhere," explained Alan Tong, Pico Technology's Managing Director, "from your desktop to the other side of the world." The CM3 can operate as a USB-only device, as a USB-powered device with Ethernet interface, or as a Power-over-Ethernet (PoE) device.

The PicoLog CM3 Current Data Logger is on sale now, priced at £349. It is covered by Pico's free 5-year parts-and-labor warranty against manufacturing faults, and offered with free technical support.

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About Pico Technology

Pico Technology is celebrating its first 20 years of leadership in the design, development and manufacture of high-performance PC Oscilloscopes and Data Loggers. During that time we have built up an impressive portfolio of products including the PicoScope 2000, 3000, 4000, 5000, 6000 and 9000 Series PC Oscilloscopes, the ADC-20 and ADC-24 High-Resolution Data Loggers and the multi-award-winning Automotive Oscilloscope Kit.

Pico Technology prides itself on offering innovative, high-quality and affordable alternatives to traditional bench-top test and measurement equipment, designed and built under the ISO9001:2008 quality system. We support a network of distributors in over 60 countries worldwide who are helping to build and maintain our enviable reputation in the industry.

More information on Pico Technology can be found at **www.picotech.com**.

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