

CHECK OUT OUR NEW DATALOGGER!

Introducing the CR3000 Micrologger

Campbell Scientific's new Micrologger, the [CR3000](#), has replaced the CR23X. The CR3000 is a rugged, self-contained package that includes an integrated keyboard, display, and power supply. Design features include a 16-bit resolution on five analog ranges, dedicated SDM channels, and a processing speed that is four times faster than the CR1000 and seven times faster than the CR23X. The CR3000 stores both data and programs in either non-volatile Flash memory or battery backed SRAM and is ideal for high-speed environmental or automotive applications. Review more features [here](#).



HC-S3 Temperature and Relative Humidity Probe



The [HC-S3](#), manufactured by Rotronic Instrument Corp, measures air temperature with a Pt100RTD and relative humidity using the innovative HygroClip technology. It's interchangeable without any loss of accuracy and completely eliminates the downtime typically required for the calibration process. Rugged and accurate from -50° to +50° (XT model), this probe is perfect for long-term, unattended applications and connects directly to many of our [dataloggers](#).

NEW

Eco-friendly manual distribution!



CSC is doing our part to minimize paper consumption and waste – click on the CD image to read all about it!

NEW

Extended Warranties Available!

Our most popular products and dataloggers now come with an available extended warranty.

Contact us today for more information:

780-454-2505

Or email us at:

dataloggers@campbellsci.ca

NEW

Campbell Scientific Museum!

Check out the unique, antique, and historical artefacts that we have collected over the decades.



Where in the World is Campbell Scientific?

January 14 - 18, 2007	87 th Annual AMS Meeting	San Antonio, TX
May 28 – June 1, 2007	AGS CGU CMOS Congress	St. John's, NL
June 12 – 14, 2007	GO-EXPO: Oil & Gas Exposition	Calgary, AB
June 25 – 28, 2007	CWRA 60 th Annual Conference	Saskatoon, SK

*for information on training courses we are holding, visit our [courses & shows section](#)

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Greetings from our President



Old and new, thoughts on monitoring.

Campbell Scientific Canada has been collecting “old” weather equipment for several decades and this past summer was dedicated to properly organizing and curating our collection. While documenting the various items, I could not help but be struck by the changes that have occurred over the years. Change means new and better sensors come along, and new technology brings in smarter and more advanced dataloggers and communication equipment.

Forty years later and almost thirty years after the introduction of our dataloggers in Canada, I look at the explosion of the technologies and various tools which come and go at a pace that seems almost frantic. The challenge is not necessarily only to keep up with the change but to know when to apply it and work with how it affects the monitoring program or the individual measurement system. Our dataloggers have been evolving since inception to meet this challenge and to take advantage of these new technologies. Subsequent issues of our newsletter will address some of the issues surrounding the rate of change in technologies as well as how Campbell Scientific Canada has managed the new technologies. Long may you measure well!

claude Labine



The CM3 is moving on up to the [CMP3](#) version manufactured by Kipp & Zonen. This ISO second class pyranometer measures solar radiation with a high-quality blackened thermopile, which is protected by a dome and provides a flat spectral response for the 310 to 2800 nm spectral range. These features allow the CMP3 to be used under plant canopies or lamps, when the sky is cloudy, and for reflected radiation measurements. Two CMP3s mounted back to back make a low-cost albedometer.

CM3 Pyranometer gets a promotion!

See the CC640 in action in the Arctic!



CSC launched our CC640 digital camera in early 2006 – it was the answer to the ongoing quest of collecting digital image data in the harshest of temperatures, and it has enjoyed amazing success. Currently in use at the very remote and very cold McGill Arctic Research Station (M.A.R.S.), the CC640 provides valuable visual data to research teams, data that includes getting them to and from work safely! Have a look at the actual retrievable images and read about how they do it by clicking on the CC640 image to the left.

Get caught up on all the news about our new CR800 and CR850 dataloggers in our next newsletter, scheduled for release in mid-March, 2007