CAS DATALOGGERS

CAS DataLoggers Offers New Multipurpose CO^2 Logger

Affordable Solution Measuring CO^2, Temperature and Humidity

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CAS DataLoggers and **T&D** have teamed to offer customers an ideal solution for monitoring indoor air quality and HVAC&R system performance: the new **TR-76Ui CO^2 + Temperature + Humidity Logger**. This low-cost 3-in-1 datalogger is now available in two versions: the TR-76Ui with T&D's standard temperature and humidity specifications, and the TR-76UiH which is designed for laboratory work using wide-range measurements. This new product has already made a strong impression at the T&D booth at the 2012 International Air-Conditioning, Heating, and Refrigerating Expo, generating interest from industry professionals and customers with its flexibility, reliability and affordability. Saving both time and money by replacing the time-intensive need to take manual readings, these loggers see common application in managing CO^2 concentration, monitoring temperature and humidity in schools and office buildings, uses in estimating ventilation, for energy-saving measures such as air conditioning controls, and in research studies on plant growth and photosynthesis.

Equipped with an external temperature and humidity sensor, as well as an internal CO^2 sensor, the 3-channel TR-76Ui CO^2 data logger simultaneously measures and records with a wide CO^2 measurement range of up to 5,000 ppm and a logging capacity of 8,000 data sets. Each data set consists of readings for all three channels. Making atmospheric pressure settings for the measurement location ensures more stable and accurate CO^2 measurements. CAS DataLoggers offers two types of packages with different temperature/humidity sensors depending on the required measurement range and accuracy needs: the TR-76Ui model measuring temperatures from 0 to 55°C (32 to 131°F) and 10 to 95%RH, and also the TR-76UiH recording at a broader range of -30 to 80°C (-22 to 176°F) and 0 to 99%RH. Both models can measure in Celcius or Fahrenheit, and a clear LCD display shows measurements, battery level, and more. The lightweight, portable 214 g loggers are powered by AC adaptor or AA alkaline batteries.

TR-76Ui dataloggers also feature a warning monitoring function with contact signal output, ensuring that users always stay in the know when any of their parameters suddenly go out of specification. FREE software is also included enabling users to download all recorded data to a PC via USB connection, so that data from all three channels can be simultaneously viewed in one easy-to-read graph or table. Adding to data accessibility, users can also save their data as text for use with common spreadsheet software.

These compact devices come delivered in a package that includes the unit itself, sensors, and the included software. Additionally, by using a T&D Data Collector TR-57DCi (sold separately), it's quick and easy to collect all recorded data from both models of TR-76Ui units via infrared communication and immediately check the collected data on the spot, allowing effortless data collection and organization to spare personnel many hours of traveling to the loggers to get their readings.

David Kempski, Applications Specialist with CAS DataLoggers, explained the logger's appeal at AHR 2012: "This year's expo was a great venue to show the new T&D 3-channel logger around. Customers really have a need for a single solution that records everything they need to track. High quality for a low price—this is really an indispensable product for many industries and projects."

For more information on the new T&D TR-76Ui Data Logger for CO^2, Temperature and Humidity, other high-quality T&D dataloggers measuring a broad variety of parameters, or to find the ideal solution for your application-specific needs, contact a CAS Data Logger Applications Specialist at (800) 956-4437 or visit the website at www.DataLoggerInc.com.

Contact Information:
CAS DataLoggers, Inc.
12628 Chillicothe Road
Chesterland, Ohio 44026
(440) 729-2570
(800) 956-4437
sales@dataloggerinc.com
http://www.dataloggerinc.com