

March 2011

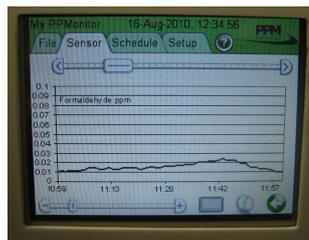
Issue 5

New 'Touch Screen' IAQ Monitor to be unveiled at MCERT's 2011.

Our new 'Touch Screen' IAQ Monitor will be launched at the MCERTs 2011 event. We are confident there will be demand for the new version of the instrument, and have already received a number of inquiries. The 3.5" touch screen panel display's current sensor readings in real time. The user is able to navigate through the various sensors simply by touching the panel. The unit includes a built in USB port for downloading data quickly and easily. Configurable with up to 8 parameter sensors, the new IAQ profile monitor is a welcome addition to PPM Technology range of indoor air quality monitors.



* Please contact us for more details relating to the new 'Touch Screen' IAQ Monitor.



PPM Technology are also preparing to host a workshop at MCERTS, the 2 day exhibition is held on the 30th and 31st of March in Telford, England. The workshop will have the title "Continuous Air Monitoring for Indoor Environments"; our IAQ Monitoring system will be introduced to delegates; and we will demonstrate the advantages and applications offered by a continuous monitor of the indoor environment. The workshop will be held at 9:45 on Wednesday the 30th.

http://www.mcerts.uk.com/?utm_source=PPM&utm_medium=Banner&utm_campaign=PPM

PPM IAQ Monitors to be showcased at MIECF 2011

PPM Technology are looking forward to showcasing our instruments at the European Pavilion of the upcoming Macao (SAR of China) International Environmental Co-operation Forum (MIECF), held on the 31st March to the 2nd April at the Venetian Macao Resort Hotel.



<http://www.macaomiecf.com/MIECF2011/intro.html>

Our instruments will be showcased to "green" industry professionals and decision makers across the region. Representing PPM at MIECF will be Dr Ken Wai and Peter Williamson of Hinds International.



PPM host visitor from Hinds International.

Dr Denis Wong of Hinds International visited PPM Technology HQ in Caernarfon recently. PPM Technology has worked closely with Hinds over the past few years. Our partnership has seen a growing demand for our IAQ monitors in Hong Kong.

Hong Kong and China has long been an important market for PPM Technology's products. The Hong Kong government were one of the first governments worldwide to introduce guidelines on Indoor air quality, PPM hope these guidelines will become legislation very soon. Close co-operation with our *Hinds International* has seen growing interest in our IAQ instruments.

If you have any relevant stories, including any recent or upcoming exhibitions, application stories or customer testimonials that you want to be included in the next newsletter please feel free to contact us:

gevans@ppm-technology.com

PPM Technology's IAQ Monitors enables a more effective air-conditioning system.

The most accurate way to monitor a building's Indoor Air Quality is by continuously monitoring a number of parameters that contribute to a building's indoor air quality. [PPM Technology's](#) Wireless IAQ Profile Monitor system can continuously detect, measure and record a number of customer specified parameters, including Temperature, Humidity, Nitrogen Dioxide, Carbon Monoxide, Carbon Dioxide, Sulphur Dioxide, Ozone, Ammonia, Formaldehyde, Chlorine, Glutaraldehyde, Methane, TVOC's and Smoke.

The wireless system can integrate with the building automation system through the dedicated software, which allows an entire wireless network of IAQ monitoring units to be managed and controlled from a single PC. The software can set parameters for temperature, humidity, and concentrations of hazardous gases, which can then activate and control the air-conditioning and ventilation systems. It can also turn heating on and off, and as a last resort trigger building alarms.

The fact that the monitoring system can connect and control third-party systems such as an air-conditioning unit can ensure a more effective air-conditioning or ventilation system; this would also have a positive impact on the environment. It would make sure human comfort, energy conservation, cost effectiveness, and health of the occupants inside the building is ensured. To ensure the preset targets of air quality are met, but not over- or under-provided, signals from real-time monitoring to control the air-conditioning and ventilation systems are used. It can help avoid energy and resource waste due to better control of the air-conditioning system.

To dilute the indoor air pollutants, a good ventilation system must be in place. An over-ventilated air-conditioned building is not energy-efficient. It is a difficult balance to save money and energy, yet maintain a comfortable and healthy environment. Therefore, the logical solution to controlling indoor air pollution is good ventilation coupled with IAQ monitoring using sensors.

Equipping a building with an IAQ monitoring system can provide building service professionals and facility managers with the data they need for effective air quality management within the building.

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Happy St. David's Day from PPM
Technology!!



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