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## **Ion Science receives independent verification for best performing photoionisation detection (PID) technology**

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The Ion Science PhoCheck+ has received independent verification as the best performing photoionisation detector (PID) by the state of Maine Department of Environmental Protection (ME DEP).

Subsequent to a stringent testing and selection process between competing PID technologies, the ME DEP has standardised the Ion Science PhoCheck+ 3000 for use in all their underground storage tanks, emergency response and air monitoring applications. The ME DEP evaluated the PhoCheck+ 3000 against its closest competitor for ease of use, speed, repeatability and linearity between concentrations. Firm evidence showed the Ion Science PID to give more consistent, clearer readings and was faster to read results.

To strengthen the ME DEP's findings, a subsequent trial was conducted to compare a PID cell incorporating Fence Electrode Technology against one equipped with Humidity Compensation. The published data proves that an Ion Science PID with Fence Electrode Technology is twice as accurate, more stable and faster than a PID with Humidity Compensation. The data shows that when operating in changing or high humidity environments, a Fence Electrode PID is much less subject to drift, while responding and clearing out faster, resulting in much fewer non-reports.

Ion Science VOC detectors all incorporate patented fence electrode technology found within the PID sensor enabling a unique resistance to humidity and contamination making it the most accurate, consistent PID technology available today.

ENDS

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