

## Protect Employees from Chemical Exposure with Casella's New VAPex Pump

*Casella launches intrinsically safe low flow pump for chemical exposure monitoring*

[Casella](#), air sampling, noise and vibration specialist, has launched its advanced and lightweight low flow pump, the [VAPex Pro](#). The elite low flow pump is the ideal solution for seamless reporting on employee's levels of chemical exposure, saving occupational hygienists' crucial time in their working day.

In 2018, the United Nations stressed the importance of improving the prevention of chemical exposures at work, with The International Labour Organization (ILO) estimating that one worker dies every 30 seconds from exposure to toxic chemicals, pesticides, radiation and other hazardous substances.<sup>1</sup>

The VAPex, with a flow rate of 20mL to 500mL/min, is intrinsically safe and assists occupational hygienists in the measurement of chemical exposure levels such as Volatile Organic Compounds (VOCs).

The pocket-sized sampling device allows the user to easily carry the pump around a site, equipped with a run time of over 34 hours under typical operating conditions. In addition, the VAPex pump is designed with three LED lights that indicate the pump battery's status from a distance, preventing any unexpected charge failures that might disrupt monitoring activity.

A headache for many occupational hygienists is the time it takes to transfer their written notes and sample data collected on site. However, using the VAPex Pro in conjunction with Casella's Airwave App via Bluetooth, occupational hygienists have access to an easy to use system that enables the operator to record their notes and input data instantaneously, using a tablet or mobile device. The Airwave App can also be used to check the pump remotely, saving time by preventing the need to disturb the wearer of the pump.

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<sup>1</sup> <https://chemicalwatch.com/70252/worker-exposure-to-hazardous-chemicals-is-a-global-health-crisis>

Tim Turney, Technical Product Manager at Casella explains, “Our new VAPex low flow pump is designed to make chemical exposure assessments easier and quicker for hygienists concerned with the health of employees. The VAPex is designed with a robust screen on top and great backpressure capability meaning multiple tubes can be tested at the same time, providing a pain-free monitoring solution.”

Casella’s VAPex is available from May 2019. Casella is dedicated to reducing occupational health and environmental risks and supporting businesses with their monitoring and analysis needs.

For more information about Casella’s advanced Vapex visit, [www.casellasolutions.com](http://www.casellasolutions.com) or follow @CasellaHQ on Twitter or @Casella on LinkedIn.

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## **About Casella**

Casella is dedicated to reducing occupational health and environmental risks through a core competence in dust, noise and vibration monitoring. The company has provided precision instrumentation since 1799 and supplied eminent figures including Charles Darwin with instrumentation for exploration and scientific work. Casella’s core purpose is to create technology aimed at improving the working environment of employees whilst providing robust data and equipment platforms to enable organisations to remain compliant with health and safety regulations. The company is expert in the integration of sensor technology and data management systems that further improve productivity and overall safety in the workplace. The company is expert in the integration of sensor technology and data management systems that further improve productivity and overall safety in the workplace. Casella is a global business, part of the IDEAL Industries Inc. group of companies and has offices in the UK, US, Australia, China and India. Casella are supported by a network of distributors providing local service and support to those searching out solutions for risk reductions. [www.casellasolutions.com](http://www.casellasolutions.com)

