

Improved monitoring for site operations: Casella announces advanced Dust Detective Enclosure

[Casella](#), air sampling, noise and vibration monitoring specialist, has launched an improved version of its Dust Detective Enclosure. The ideal survey tool for efficient area monitoring, Casella's Dust Detective Enclosure is a game changer in short-term boundary monitoring, on the market from November 2018.

In 2017-18, there were 12,000 lung disease deaths in the UK due to exposures of air hazards and dust at work, and a further 20,000 estimated new cases of occupational breathing problems reported¹. Protecting the health, safety and welfare of their workforce is the responsibility of the employer, who has an obligation by law to assess the level of risk in the workplace and take the reasonable steps to eliminate apparent risks and put in place appropriate control measures (Health and Safety at Work Act 1974). This includes controlling the risks that arise from work activities, including the creation of dust and fumes. By implementing effective monitoring solutions, employers can help to prevent workers from inhaling dust that can lead to detrimental health issues.

Casella's Dust Detective provides short-term boundary and environmental monitoring in both indoor and outdoor environments, being able to monitor over 12 hours on its internal batteries. The lightweight, portable equipment is the ideal solution for site operators and managers who need to monitor the levels of harmful dust on site.

The Casella Dust Detective encompasses the Microdust Pro real time dust monitor, and the Apex2 air-sampling pump. The Detective unit is easy to assemble, provides incredibly fast real time data that is easily downloadable for analysis and reporting, and allows the user to identify the trends in dust levels, areas of concern and hot spots that require action. Improvements have been made to the enclosure by using quick release clips around the measurement probe, allowing fast setup times. The portable enclosure will also save effort as the internal layout has been improved to allow everything to be contained neatly inside, including calibration devices.

¹ <http://www.hse.gov.uk/statistics/overall/hssh1718.pdf>

Tim Turney, Technical Product Manager at Casella explains, “The new and improved Dust Detective Enclosure’s real time data is measured and samples can also be taken gravimetrically. Ensuring accurate data is easy to obtain, the equipment’s speedy setup process and increased internal space will make monitoring pain-free, enabling site operators to easily carry all the necessary equipment around on site.”

Casella is dedicated to reducing occupational health and environmental risks and supporting businesses solve their monitoring and analysis needs. For more information about Casella’s advanced Dust Detective Enclosure visit, www.casellasolutions.com or follow [@CasellaUK](https://twitter.com/CasellaUK) on Twitter or [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



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