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## **New headspace analyser will improve the efficiency of quality control for MAP processes**

### **CheckMate 3 FOR FAST, EFFICIENT AND USER-FRIENDLY MAP QUALITY CONTROL**

PBI-Dansensor has launched its latest headspace gas analyser for precision quality control measurements for Modified Atmosphere Packaging (MAP) applications.

For packaged products with a quality brand, the key to meeting consumers' expectations is consistency – and this means reliable testing. This can be a challenge for high-volume MAP processes, which is why the new CheckMate 3 analyser has been designed to provide the highest levels of quality control for gas composition in a gas-flushed package – fast and cost-effectively. CheckMate 3 represents an evolution of the current CheckMate II device, with emphasis on 'user friendliness'.

The CheckMate analysis system is rapid and efficient, marrying together sensitive gas analysis with automatic data logging. The machine is simple to use and the operator can tell at a glance if the gas mixture within a package is of the correct composition. The sensor is able to measure either oxygen alone or oxygen and carbon dioxide. The analyser requires only a small volume of gas and works rapidly, making it suitable for high-volume production lines. In-built 'intelligence' will inform the operator of any errors such as blocked filters or a missing measuring hose. A bar code reader can be used to set the analyser's operating parameters, and the machine is a highly robust product, capable of making 400 tests an hour, and with a sensor lifetime of five years.

CheckMate 3 features a number of improvements, including a larger, easy-to-read colour touch-screen display. Essential data on each package tested can be stored in the unit itself or transferred either to dedicated CheckMate 3 software or to third party software, which provides a straightforward, accurate and reliable traceability system. And because different products have different testing needs, CheckMate 3 can be adapted to virtually any quality control system.

The machine has been designed to be simple to operate and so requires minimal training. In addition it is low-maintenance, with a calibration interval of 12 months.

"We are constantly seeking to improve our products and make them easier to use," said PBI-Dansensor's Sales and Marketing Director Karsten Kejlhof. "CheckMate II is a great machine, but CheckMate 3 is even better: it is possible to take what is a very good product and improve it further."

CheckMate 3 represents a new generation of headspace analysers that will help to streamline quality control and introduce greater efficiency.”

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