

# Dansensor® CheckPoint 3

## NEW REVOLUTIONARY SENSOR TECHNOLOGY



### Benefits

- No PC software required
- Easy to use
- Improves MAP quality control
- Better process efficiency
- Greater business transparency
- Secures your brand's reputation
- Highest level of portable analyzer
- Low cost of ownership

### Features

- Two O<sub>2</sub> sensor options ensure compatibility with all applications
- O<sub>2</sub> or combined O<sub>2</sub>/CO<sub>2</sub> measurements
- Gas flow alarm
- Data collection/transfer via WiFi
- Fast processing
- Easy-to-read 3.5" color touchscreen
- Uses standard, low-cost needles
- Optional stainless steel needles
- Data package, 1 million data logs (optional)
- Protection cover (optional)
- Multiple languages
- Graphic statistics

## Portable gas analyzer for quality control of Modified Atmosphere Packages (MAP)

The new Dansensor® CheckPoint 3 is the most advanced portable gas analyzer on the market, enabling you to quickly and easily check for O<sub>2</sub> and CO<sub>2</sub> levels in Modified Atmosphere Packages (MAP) of any shape and size.

Now available with one of two O<sub>2</sub> sensors - a ceramic solid state O<sub>2</sub> sensor or an electrochemical O<sub>2</sub> sensor - the Dansensor CheckPoint 3 delivers accurate headspace readings for all types of food products, bringing reliable quality control to your packaging process.

WiFi connectivity ensures a new unique user experience. With the web interface fast, easy and reliable data management is guaranteed. The high quality color screen combined with intuitive interface give a clear process overview and extremely easy testing traceability and transparency.

Dansensor CheckPoint 3 is perfect for productions looking for portability, best accuracy and just as important, a low cost of ownership.

# HOW DOES IT WORK?

- 1: Insert needle into the package through the septum. Start test with one touch button.
- 2: A sample will be drawn into the sensor. A few seconds later the Dansensor CheckPoint 3 will tell you the O<sub>2</sub> and CO<sub>2</sub> level inside the package.
- 3: Result can be collected manually or automatically. Stored data can be transferred via WiFi to your company database.
- 4: The web interface provides statistic data for various documentation purposes.

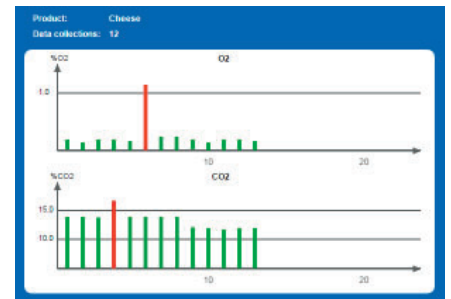
Samples are taken with easy replaceable and low-cost needles



## Dansensor CheckPoint 3 Model Overview

Model	WiFi	User setup	Gas flow alarm	Users	Products	Readings
CheckPoint 3			●	1	1	1
CheckPoint 3 Premium	●	●	●	10	100	500/product
CheckPoint 3 Premium data pack	●	●	●	100	1000	1 million

**Note:** No upgrade possible from Dansensor CheckPoint 3 Premium to Dansensor CheckPoint 3 Premium with data pack.



## Technical Specifications

Available configurations	O <sub>2</sub> (ceramic solid-state sensor)	O <sub>2</sub> (electrochemical sensor)	CO <sub>2</sub> (infrared single beam sensor)
Sample volume (minimum)	5 ml	5 ml	5 ml
Sample time (minimum)	7 sec	7 sec	7 sec
Measuring range	0-85%	0-100%	0-100%
Resolution	0.1% oxygen	0.1% oxygen	0.1% carbon dioxide
*Accuracy	Better than ± 0.1% oxygen	± 0.1% oxygen	Better than ± 2% carbon dioxide
Heating time	5 seconds	N/A	N/A
Expected sensor lifetime	> 3 years	> 1 year (depending on use)	> 5 years
Food applications	Vegetables (raw and prepared), meat (raw and processed), fish (raw and prepared), cheese, prepared meals, snack foods, beverage	Meat (red and smoked), fish (smoked), Bread (treated with alcohol), fresh pasta, fermented foods, coffee	N/A
Dimensions & weight	75 x 100 x 175 mm (HxWxD), 0.7 kg		
Power supply	Battery powered; up to 2000 measurements on a fully charged battery at 20 °C; recharge time maximum 5 hours		
Options	Standard consumable kit (1 sampling kit, 1000 septums, 10 needles (Ø 0.8) & 10 water trap filters), metal needles		
Connections	WiFi (WPA, WPA 2, WPA enterprise)		
Calibration and service	12 months		
Working temperature	0 to +40 °C, less than 95% RH, non condensing		
Compatibility	CE RoHS, China RoHS		
Data package	Extended memory - up to 1 million measurements		
What's included in the box?	100 septums, 10 needles (Ø 0.8), 10 water trap filters, power supply w/interchangeable plugs (US, EU, AU, UK)		

Specifications subject to change without notice. Further specifications are available in the User Guide.

\*Conditions: 23° C, low oxygen MAP and steady state