

Dansensor® CheckPoint 3

NEW REVOLUTIONARY SENSOR TECHNOLOGY



CheckPoint 3 -
Innovative 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 O₂ sensor options ensure compatibility with all applications
- O₂ or combined O₂/CO₂ 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 O₂ and CO₂ levels in Modified Atmosphere Packages (MAP) of any shape and size.

Now available with one of two O₂ sensors - a ceramic solid state O₂ sensor or an electrochemical O₂ 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?

PRODUCT BROCHURE

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 O₂ and CO₂ 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.

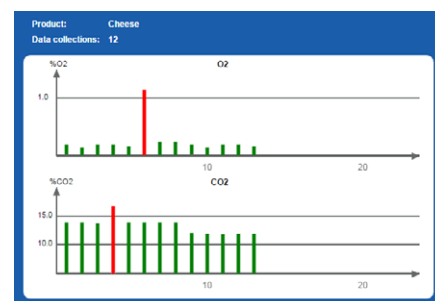
Samples are taken with easy replaceable and low-cost needles



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 ₂ (ceramic solid-state sensor)	O ₂ (electrochemical sensor)	CO ₂ (infrared single beam sensor)
Sample volume (minimum)	5 ml	5 ml	5 ml
Sample time (minimum)	7 sec	7 sec	7 sec
Measuring range	0-55%	0-100%	0-100%
Resolution	0.1% oxygen	0.1% oxygen	0.1% carbon dioxide
Sensor accuracy*	±(0.1% O ₂ + 2% of readout)	±(0.25% O ₂ + 2% of readout)	±2% CO ₂ in range 0-20% ±3% CO ₂ in range 20-100%
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 (processed), fish (raw and prepared), cheese , prepared meals , snack foods , beverage	Meat (raw and smoked), fish (smoked), bread (treated with alcohol), fresh pasta , fermented foods , coffee	All
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