

# Preventative Maintenance Guide

## Dansensor CheckMate 4 (EC)

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Dansensor Preventative Maintenance Guides help you to care more effectively for your equipment during the time between planned services. For Safety Instructions, Trouble Shooting & Operation - please refer to the User Guide.

### Cleaning and Maintenance

In addition to the Annual Service & Calibration, it is recommended to carry out the following maintenance checks and atmospheric air calibration at the interval times stated below.

#### Every Day:

Needle (1) and Water Trap Filter (2) – Check and Replace (as required)

#### Once a Week:

Sampling kit (3) – Check and Replace (as required)

**During use of the device, dust, debris, and moisture may be sucked through the measuring system.**



1. The needle may sometimes touch the product being measured or the needle may suck fluid from the packaging from which the measurement is taken.  
If this happens, it will be necessary to replace both the needle and the filter.
2. The water trap filter will therefore have to be replaced regularly, depending on the environment in which the device is used.
3. If there is any product or fluid in the sample hose it should be replaced or removed and cleaned using compressed air.



**CAUTION! When using compressed air for cleaning, the hose must be disconnected from the device.**

## Performing an O2 Offset Adjustment (atmospheric air calibration)

### Applies to devices with Electrochemical (EC) O2 sensors only!

We recommend a daily **O2 Offset Adjustment** is performed before starting measurements.


Follow procedure below to perform the adjustment:




**NOTE! You must be logged in as a “Supervisor” user or higher.**

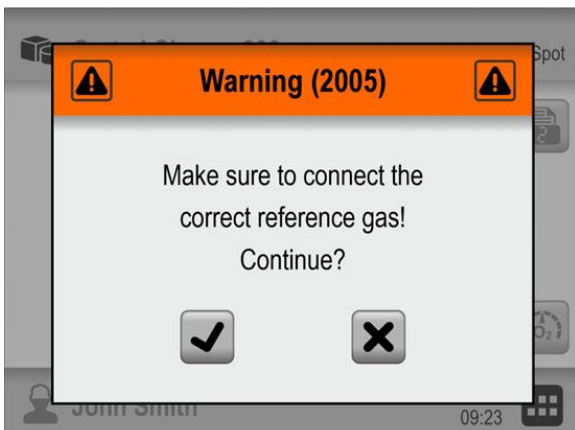
1. Remove the sample pen (1) from the holder (2) and place it on the table next to the device to make sure that it measures the surrounding O2 content.



2. In the measuring screen tap the  button.



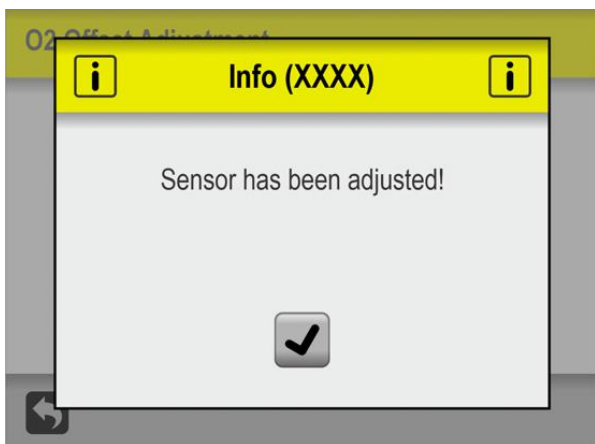
3. The following warning appears. Tap  to confirm.




4. The **O2 Offset Adjustment** screen appears, and the pump starts.



5. The pump will run for 3 minutes, once the adjustment is complete..



..tap  to confirm and return to the measurement screen.

Take a reading in atmospheric air to confirm the O2 air calibration is complete.

## Dansensor CheckMate 4 Consumable Parts

Needle kit – green (10pcs)	Part No. 340532
Needle kit – green (100pcs)	Part No. 390117
Water Trap Filter kit 0.2 $\mu$ (10pcs)	Part No. 310335
Water Trap Filter kit 0.2 $\mu$ (100pcs)	Part No. 310339
Sampling Kit (hose 1x watertrap)	Part No. 391061
Septum kit, grey 15mm single use (1000pcs)	Part No. 310337
Septum kit, grey 15mm single use (10,000pcs)	Part No. 220157
Septum kit, white 15mm re-useable (100pcs)	Part No. 220235
Septum kit, white 15mm re-useable (1000pcs)	Part No. 220236

To place an order for consumables  
please email [service@tendringpacific.com](mailto:service@tendringpacific.com)  
or telephone 01223 492086

