



Preventative Maintenance Guide

Dansensor LeakMatic II

Technical Support: 01223 492087
techsupport@tendringpacific.com

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

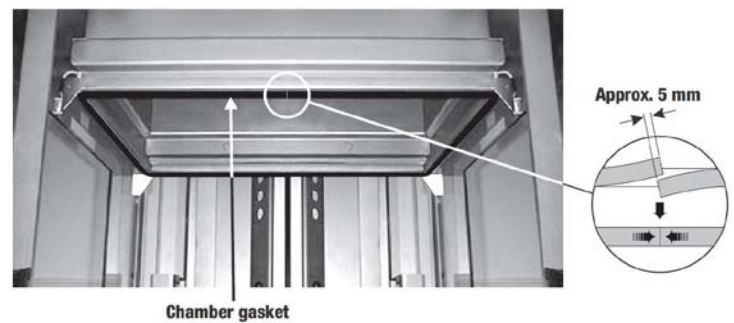
Cleaning and Maintenance

In addition to the Annual Service & Verification, it is recommended to carry out the following maintenance checks at the interval times stated below.

Every Day:

Chamber Gasket - Check and Replace (as required)

Visually check daily for any damage to the seal. If the seal is damaged, replace and then run a system leak test. To replace the chamber gasket, remove the old gasket and mount the new one with the flat side in the groove of the chamber and with the rounded side facing down. Preferably place the gasket joint towards the front of the chamber and make sure to press the gasket properly into the groove. Before putting the gasket ends together, cut off the length, so that the ends overlap slightly. This will ensure that the ends press against each other when mounted in the groove (see detail right).



Warning! The securing bar supplied with the unit, to secure the chamber in the top position, must always be used when carrying out work within the operating part of the chamber. However, as the securing bar makes it difficult to replace the chamber gasket, we recommend cutting off the power supply at the thermal relay in the electrical cabinet before proceeding.

Once a Week: Vacuum Pump Oil - Check

Visually check the oil level once a week to make sure it is above the minimum level. The oil level must lie between the MIN and MAX level indications on the pump. If the oil is low, or the oil is dark, or cloudy and has been contaminated by intake substances, then the oil must be changed. To change, or top up the oil, please call Technical Support.

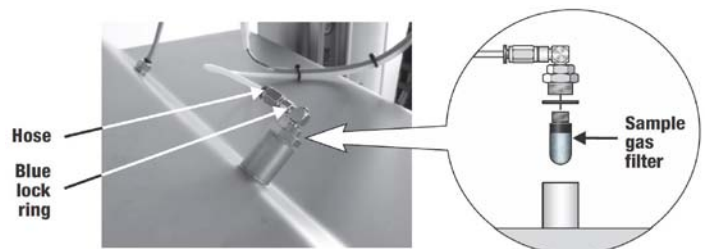


Once a Month:

Sample Gas Filter, Vacuum Filter and System Leak Test.
Check and Replace (as required)

The sample gas filter is replaced annually at service, but may need to be changed again if dirty. To check, locate the filter which is on top of the test chamber pointing backwards.

Disconnect the hose by pushing the blue lock ring on the hose fitting. Unscrew the whole fitting assembly and check the filter. If dirty, unscrew it and replace with new. Re-assemble in reverse order.



To order consumables please contact Ann Walker on 01223 495484 or email ann.walker@tendringpacific.com



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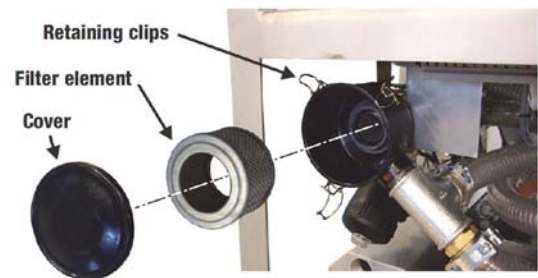
Cleaning and Maintenance

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Once a Month:

Sample Gas Filter, Vacuum Filter and System Leak Test. Check and Replace. (as required)




The vacuum filters, one on each side of the unit, are replaced at annual service, but may need to be changed again if dirty. To check the vacuum filters, release the retaining clips to remove the cover and remove the filter to check it is clean. If it is dirty, then replace with new.

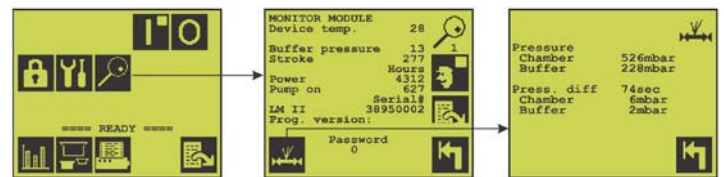


System Leak Test:

The system leak test function will reveal any leak in the measuring chamber, buffer tank and valves. It can also be used for trouble shooting on the device. The system leak test should be performed once a month, for checking the device and after each chamber gasket replacement. To perform the test:

Firstly, make sure the device is stopped.

From the start screen press the  icon as shown, to enter the diagnostic menu. Then press the pipe/gas icon  to start the leak test. **Please note**, that five seconds after pressing the leak test, the chamber is lowered. The test will run for two minutes and when finished, the display will show the test result. The 'Press. diff' values for both 'Chamber' and 'Buffer' must be below 20 as shown. Upon completion of the test, press the back button  to return to the diagnostic menu.



Please Note! After a 5-second warning signal, the leak test starts, as the measuring chamber is lowered.



Dansensor LeakMatic II Consumable Parts

| | | | |
|-------------------|-----------------|-----------------|-----------------|
| Chamber Gasket | Part No: 310763 | Vacuum Filter | Part No: 310555 |
| Sample Gas Filter | Part No: 310553 | Vacuum Pump Oil | Part No: 310539 |

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