

Anaerobic Conditions Monitor

The Anaerobic Conditions Monitor

User Access Level 3 must be selected to operate this function. An animated two-tone striped green icon confirms that suitable anaerobic conditions exist in the workstation. Yellow and red icons provide an early indication if conditions begin to vary.

Combining the use of this facility with bacterial control organisms is the most reliable way of confirming that suitable anaerobic growth conditions exist within a workstation.

Using the Anaerobic Conditions Monitor

Select User Access level 3.

Touch the DWS roundel symbol and navigate to the User Settings screen as shown.

Touch the 'traffic light' symbol. A green tick will appear. Return to the main screen.

Providing the workstation is functioning correctly the chamber/airlock symbol will now be an animated two-tone striped green icon. This symbol confirms that the anaerobic conditions monitor is active and that suitable anaerobic growth conditions are being maintained within the workstation.

The **yellow icon** will only appear if the system detects a slight increase in internal oxygen levels. A correctly functioning workstation should return to the two tone animated green icon within 15-30 minutes.

The **red icon** should not be displayed continuously for longer than 30 minutes at a time. If it does appear, a pop-up warning message is also displayed which must be closed by the user. A prolonged red indication could indicate a fault with the workstation's atmospheric control system and might affect growth of the most oxygen sensitive bacterial species. First check the incoming gas supplies and the catalyst performance. When catalyst is replaced, replace Anotox as well.

If the red icon appears frequently, please contact DWS or our authorised agent overseas.

See DWS technical note MA88 for more information.

