

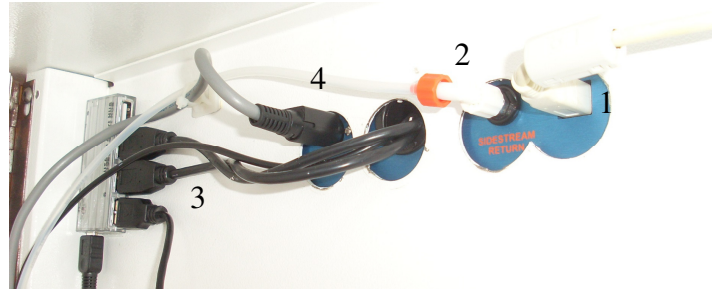
Exchanging a Solomon unit on a Tafonius Machine with 4 Top Solomon mounting screws

Scope:

This document relates to newer machines that have Solomon supported by 4 screws in the top panel of Tafonius only. For machines with Solomon supported by 2 screws in the top lid, plus 3 screws in the back panel, please see the original document "Fitting a new Solomon monitor to Tafonius"

Removal of a Solomon unit with 4 top mounting screws is straightforward. The procedure can be performed by one person but is easier with two.

Make sure Tafonius is OFF and disconnected from the mains supply before you begin. First of all open the back door of Tafonius and remove the following connections:



1. USB Cable ☐
2. Sidestream sampling return pipe ☐
3. Disconnect the two USB cables from the Expander in the top left hand corner of the back panel ☐
4. Power supply connector - pull back the black outer sleeve and then pull out the plug ☐

For machines with an analog IBP output there is a 2-way connector half-way down the black cable. Separate the cable by pulling the connectors apart. ☐

Now remove the 4 screws from the top panel of the machine, supporting the Solomon monitor as you do this. With the 4 screws undone the Solomon monitor will drop down slightly. Tilt the Solomon monitor so that the back is higher than the front and then drop the monitor out of the machine as shown: Removal is complete.

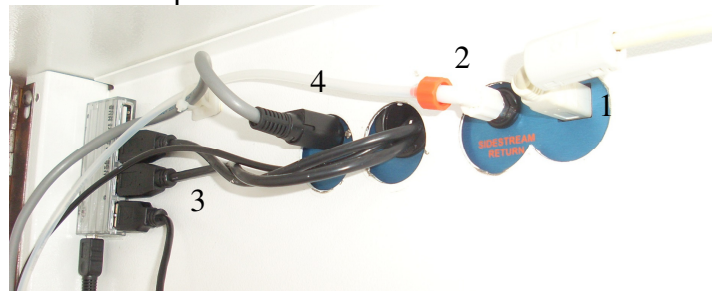


Fitting the new monitor

Lift the Solomon monitor up into Tafonius and feed the 2 short USB cables through the third hole from the left. If the Solomon monitor has an analog IBP output, feed this cable through the same hole as the USB cables.

Push the Solomon monitor back so that the sidestream connector can be seen from the back of the machine peeking through the second hole. Then tilt the Solomon monitor to push it into place and it will meet the lip of the top panel of Tafonius. Make sure the back of Solomon is pushed back and up as far as it can go. Then push the front of Solomon so it passes behind the top panel lip. This can be a bit tight but it will fit. Then hold the Solomon monitor up against the top panel and line up the screw holes in the lid with the 4 screw holes in the top of Solomon. Locate all 4 screws before tightening any of them. With all 4 screws located, tighten these screws fully so the screw head is flush with the top panel.

Now re-connect the back panel items:



- | | |
|---|--------------------------|
| 1. USB Cable | ☐ |
| 2. Sidestream sampling return pipe | ☐ |
| 3. Reconnect the two USB cables to the Expander in the top left hand corner of the back panel | ☐ |
| 4. Power supply connector | ☐ |

For machines with an analog IBP output re-connect the 2-way connector half-way down the black cable. When the two connectors are connected correctly they will click together. ☐

Re-connect the mains supply.

Fitting is complete