Changing Filters in the Lumen200Pro Filter Wheel

The filter wheel can hold up to 6, 25mm filters; these are held in position using the standard Prior locking ring.

Changing a Filter:

Equipment required: *Lumen200Pro, Filter, Prior Filter block tool, flat head screw driver.*

1. Disconnect the Lumen from mains power and from the controller.

2. Ensure the unit has been allowed to cool for 30mins.

3. Place the unit on a flat surface with empty space in front of the unit.

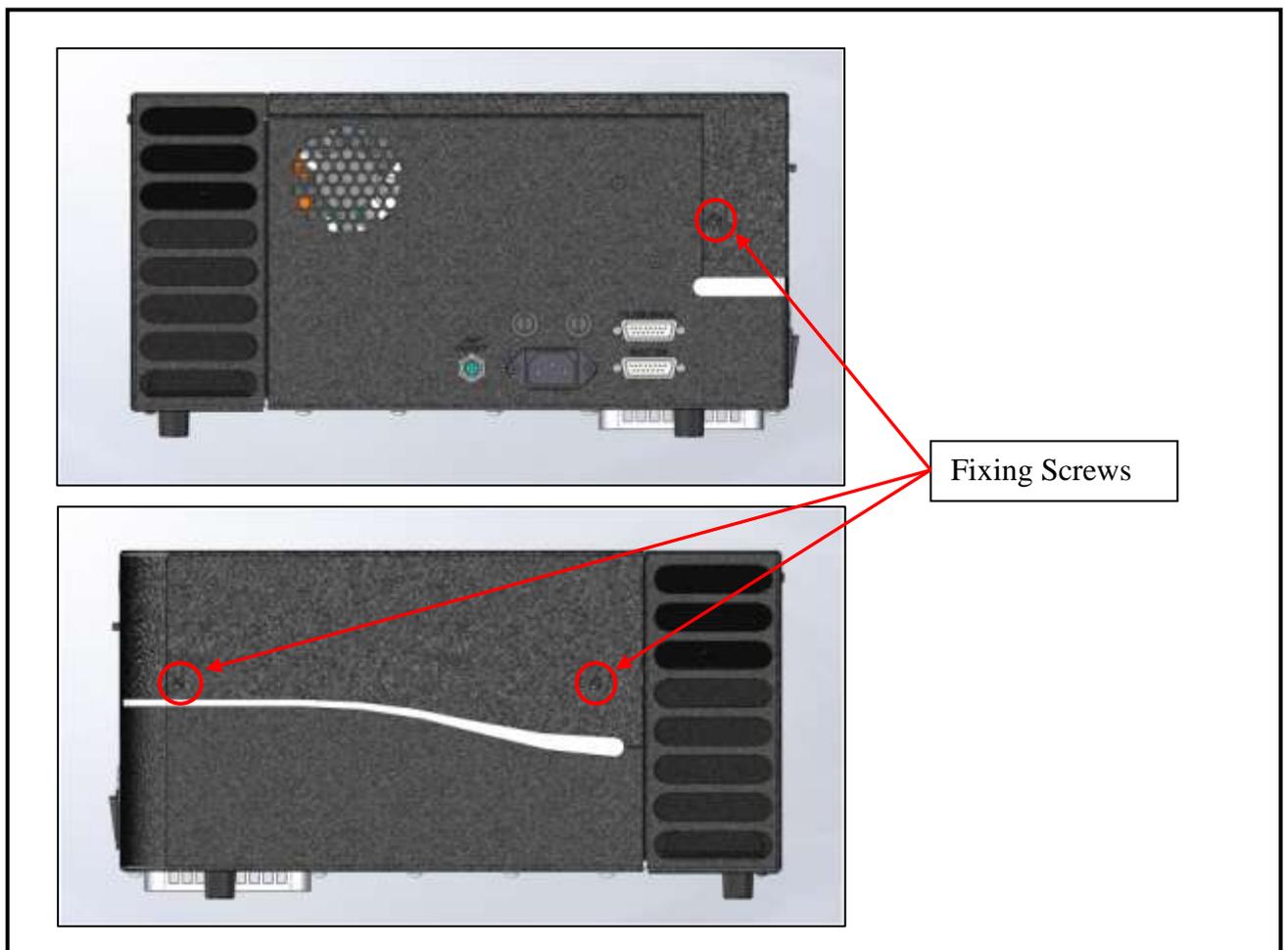4. Unscrew the 3 screws as indicated in Fig. 1

Fixing Screws

Fig 1 – The Lumen200

5. Lift the top of the unit, applying particular pressure to the front right corner to disconnect the internal connector. See Fig 2.
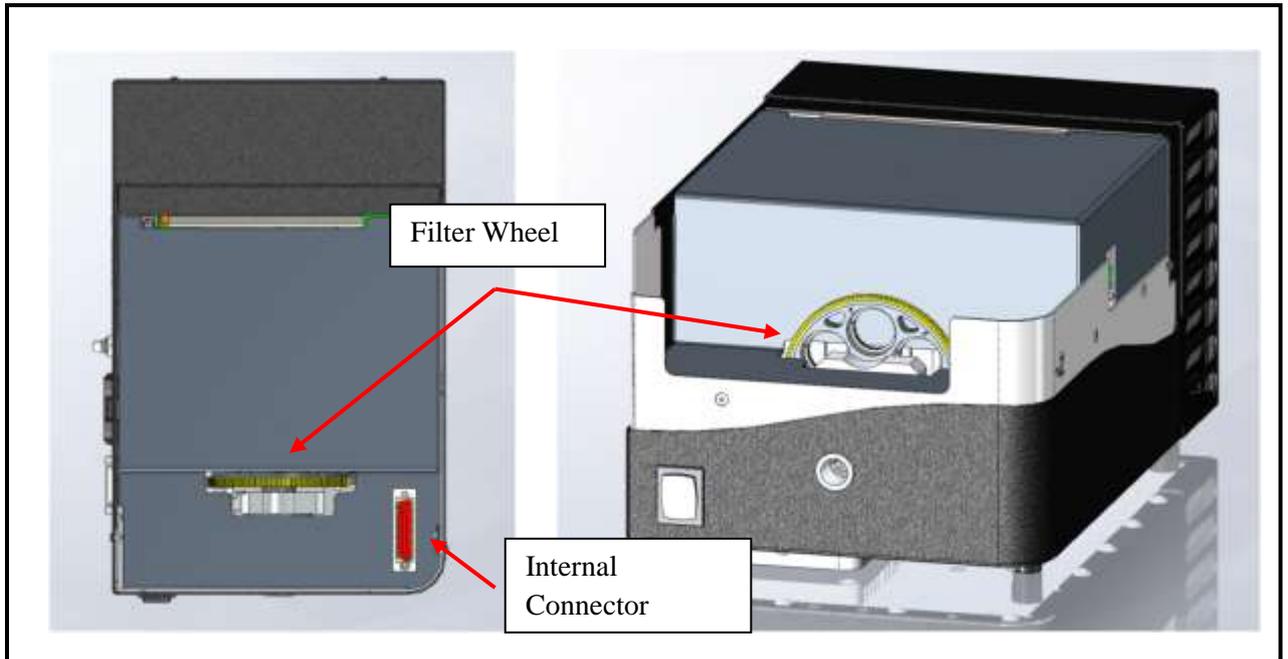

Fig 2 – The LumenPro200 Filter Wheel Compartment

It is important to try and lift the cover from the Lumen200Pro as straight up as possible. This makes it easier to replace as it minimizes the stress on the internal connector.

6. Turn the filter wheel until the desired filter position is reached. The filter position is indicated in by the filter number which is displayed on the top left of the filter hole. (Fig 3)
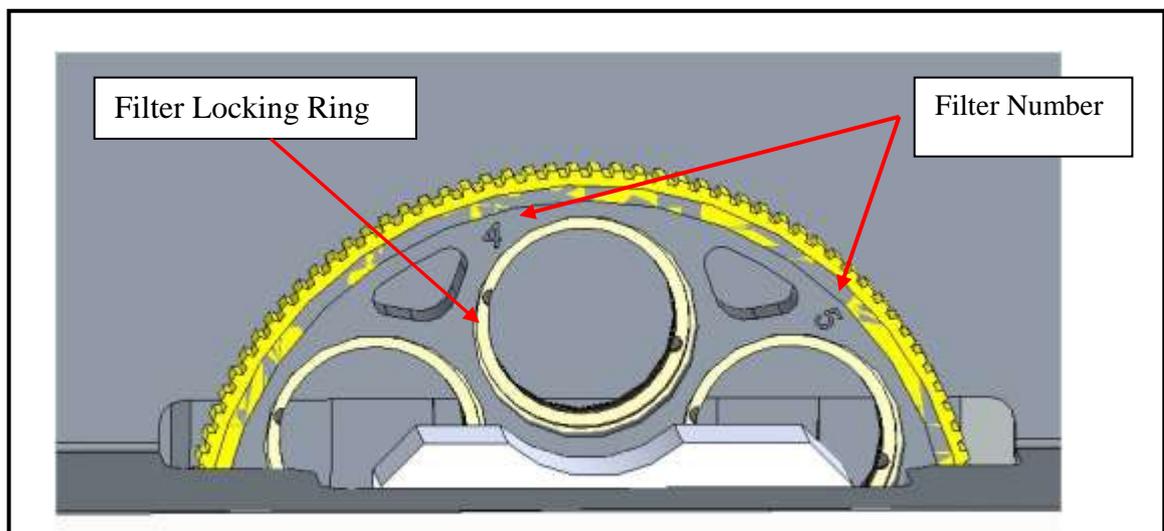

Fig 3 – The LumenPro200 Filter Wheel co

7. Using the Prior Filter block tool unscrew the filter ring, making sure to locate the two lugs in the filter block tool into the two holes of the filter ring.

8. Remove the old filter; replace the new filter taking care not to place finger prints on the filter.

9. Using the Prior Filter block tool screw the filter ring to hold the filter. Be careful; not to over tighten the filter ring; some filters will expand when heated by the light.

10. Repeat for all required filters. Remember to record the position of each filter for use with your software.

11. Replace top of unit, ensuring the internal connector is aligned and replace screws.

12. Reconnect controller, check that the filter wheel is moving.

13. Reconnect Lumen200Pro mains power.