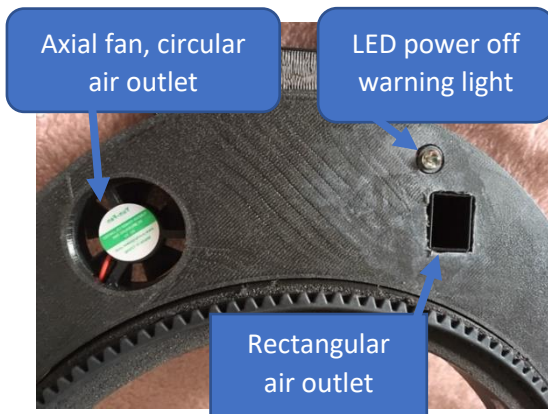


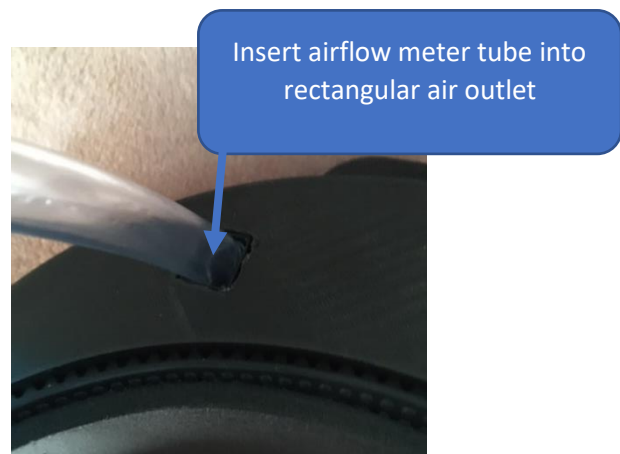
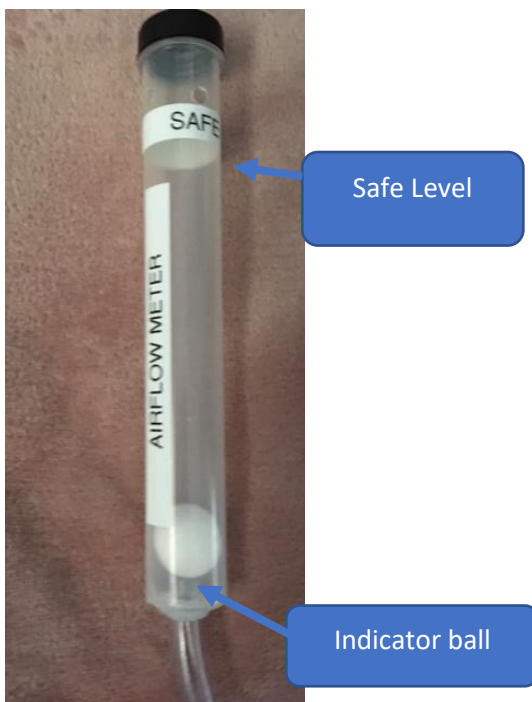
## OrangeDot Face Shield Version 3B, Safety Test, 29.09.2020



- Ensure that your power bank is fully charged.
- Connect the device to your power bank.
- The fans together consume about 200mA per hour.
- A 2,200mAh power bank in theory should provide enough energy to run the device for  $2,200/200=11$  hours. Unfortunately, power banks supply about 75% of their stated capacity, so it should probably provide enough energy for about 8 hours. It would be sensible to keep an extra charged power bank as a backup.
- After a few minutes, check the power off safety system is working by pulling the USB power connector from the power bank. The white LED light on the inferior surface of the housing will flash along with an alarm noise. Reconnect the power bank.



- Make a visual inspection of the circular air exit hole to ensure that the axial fan is rotating.
- Please undertake the airflow safety test for the centrifugal fan- the one with the rectangular air outlet.
- Connect the tube to the outlet; the connection will not be airtight.
- Ensure that the airflow meter is kept upright. The floating ball should rise to the top of the chamber- "Safe Level".
- Questions? Contact us [admin@orangedot.com.au](mailto:admin@orangedot.com.au)
- [www.orangedot.com.au](http://www.orangedot.com.au)



Please note: the airflow test is for the centrifugal fan only; it pushes pressurised, filtered air through the rectangular air outlet.