

Quantitative Face Fit testing – Portacount trained tester set up guide:

COSHH & HSE 282/28

Regulation 7 – paragraph 147 – 151 stipulates that a face fit test should be conducted on any tight-fitting respiratory equipment (RPE)

SETTING UP THE PORTACOUNT MACHINE:

You must check that these parts are with the machine,

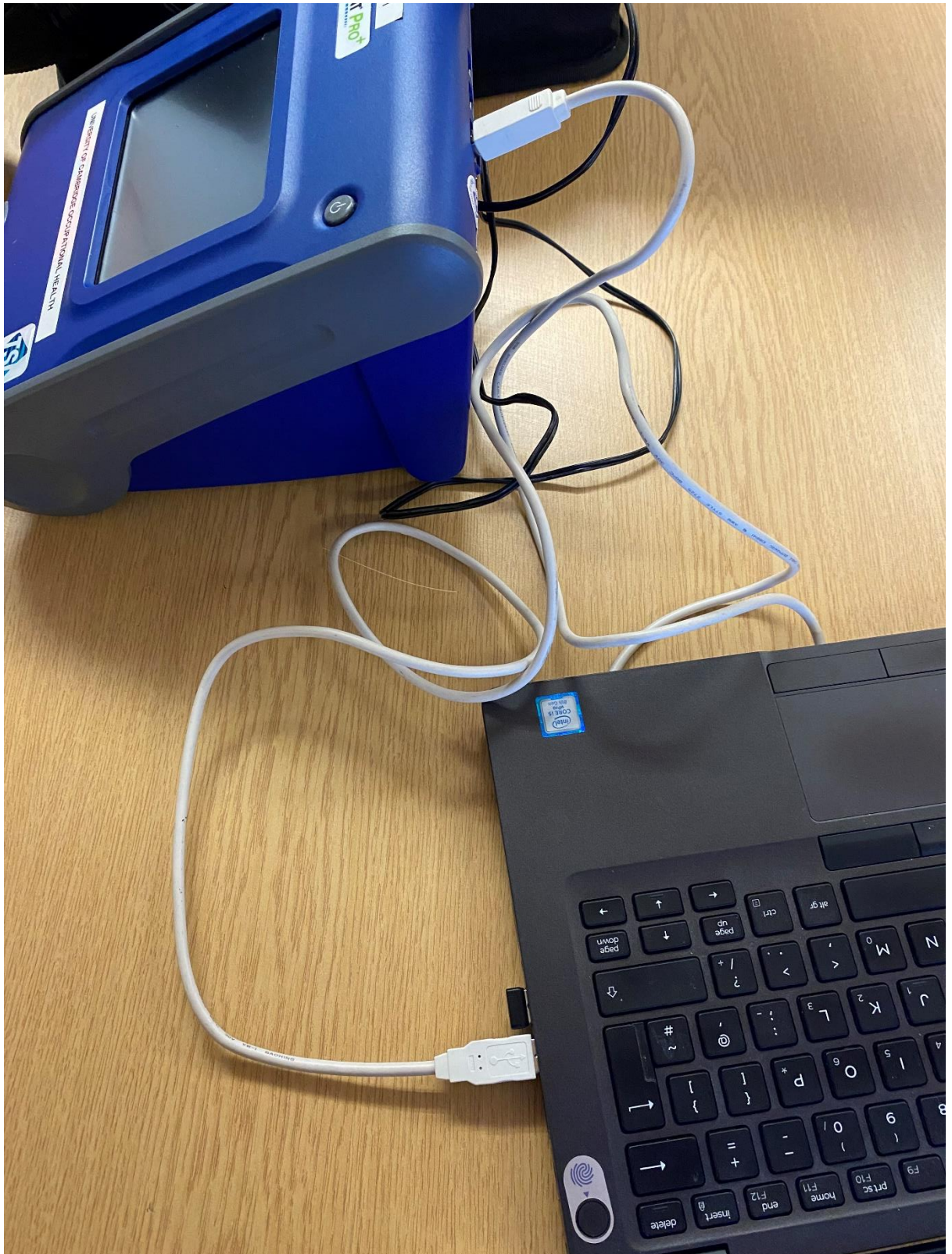
- 1) The Portacount machine and that the casing is not damaged and looks clean.
- 2) AC adaptor power cable
- 3) Data cable from Portacount to USB port on a laptop or PC
- 4) Alcoholic (2 -Propanol) cartridge/wick
- 5) Blue and clear sample tube/s and HEPA filter to connect
- 6) Mask adaptors
- 7) Laptop or PC with power cables



Construct as follows: Connect power cable in back of Portacount and plug into mains power.



a) Connect data cable from Portacount to Laptop/PC



- b) Add Sample tube to front of Portacount machine aligning the blue tube to blue port and clear to silver port.



- c) Remove storage cap from front of the Portacount and remove alcohol wick and insert into the front of Portacount ensuring excess alcohol is not on the wick. Put cap on Alcohol cartridge as lid.





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Turn on Portacount and let it warm up for a minute or two.

d) Switch on laptop/pc and click on the fitpro+ icon for windows

e) Make sure mask adaptors are available for the different masks you made need to check.

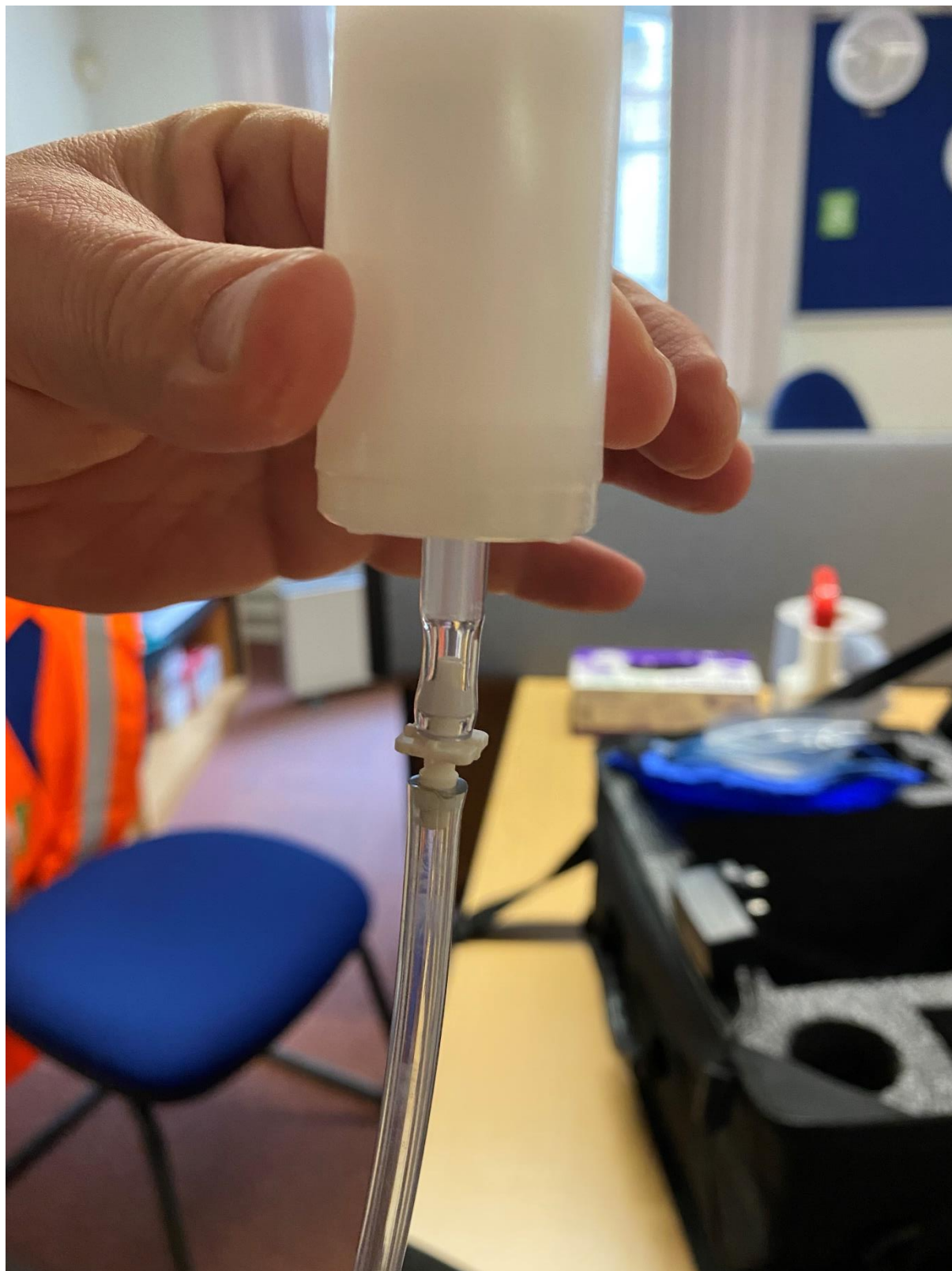
Diagnostic Checks:

Daily checks should pop up on laptop/pc screen, if not go to the icon, follow the daily checks instructions on screen, you will need the HEPA Filter handy for this part.



The daily check will look for Particles – minimum is 1000cm³ (Make sure room is not too clean or heavily contaminated)

Zero check: HEPA filter added to make sure no internal leaks that might influence test result.



Max Fit test: Completed by fit plus software to make sure Portacount can measure high fit factors and internal switch valve is functioning properly.

Extra Details:

For extra details involving mask wearing and problem solving please refer to the Face Fit Training Manual by ARCO which is found in the sleeve of the lid on the Portacount carry case.