Real Time Fit Factor Display

RESFT 202

+ Training Tool
  + How to don a mask properly

+ Troubleshooting Tool
  + Failed fit tests
  + Suspiciously high fit factors
  + Ambient concentration issues
Course Key

Left Click
Prepare PortaCount

1. Insert recently soaked Alcohol Cartridge
2. Connect the twin tube assembly to the blue and silver nozzles
3. Connect Zero filter to the end of the clear mask sample tube
4. Plug in Power Supply
Getting Started

1. Turn the PortaCount on
2. Turn your PC on  
   *Wait for both to power up completely*
3. Connect USB Cable
Real Time Fit Factor Display

What?
+ Graph showing changes to fit factor in real time
+ For both N95 and N99 mode of operations
+ Concentration check option

Why?
+ Check fit factors before fit testing
+ Train user on how to properly don respirator
+ Troubleshoot...
  + Fit factors after fit testing
  + Suspiciously high fit factors
  + Ambient concentration issues
Real Time Fit Factor Display

+ Select
  Show real time changes in Fit Factor
Real Time Fit Factor Display

+ Select N95 if applicable
Real Time Fit Factor Display

30 second ambient sample is taken, and the average is displayed
Real Time Fit Factor Display

Switches valve and then samples down the mask tubing

Refreshes every 5 minutes
Troubleshooting Tools

Quickly responds to changes in mask concentrations, providing a fast diagnosis

with N95 enabled

without N95 enabled
Training & Troubleshooting

+ Train the person on how to don the respirator
  + Show how over-tightening the mask can affect the seal

+ Verify the fit of the respirator prior to fit testing
  + Saves time by reducing the chances of a failed fit test

+ Troubleshoot a failed fit test
  + Determine why a mask failed
Fit factors >100,000 can be considered “suspicious”

Verify results with Realtime Fit Factor Display:

1. Open the Real Time Fit Factor Display
2. Slightly break the seal around their face
3. If fit factor doesn’t decrease dramatically... the clear (mask) tube is likely blocked
Concentration Check

+ Select Concentration
Concentration Check

Troubleshoot ambient concentration issues

Get a baseline for different environments and different room setups

Determine the best location for fit testing
Summary

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Additional Training Material

Online Training Center

- Available at the PortaCount Academy website; [www.tsi.com/PCacademy](http://www.tsi.com/PCacademy)

Answers

- Available at [www.tsi.com/PCacademy](http://www.tsi.com/PCacademy) and [www.tsi.com/portacount](http://www.tsi.com/portacount)