

Works with any disposable respirator!



## TSI Model 8025-N95 Fit Test Probe Kit Instructions

In order to perform a quantitative fit test the PORTACOUNT<sup>®</sup> Respirator Fit Tester must draw an air sample from inside the respirator while it is being worn by the person being fit tested. Use the tools, sampling probes and push nuts contained in this kit to install a sampling port onto any disposable filtering-facepiece respirator.

**Warning:** Once a sampling probe is installed the respirator can no longer be used for respiratory protection. Ported respirators are for quantitative fit testing only. Discard (or sanitize) the respirator after each fit test is completed. (Follow the respirator manufacturer's recommendations.)

Contents of 8025-N95 Probe Kit:

<u>Qty</u>	<u>Description</u>
1	Piercing Tool
1	Push Nut Tool
500	*Sampling Probes
500	*Push Nuts



\*Reorder the 8025-N95R Refill Kit for an additional 500 sampling probes and 500 push nuts (no tools).

Step 1: Choose a location to install the sample probe.

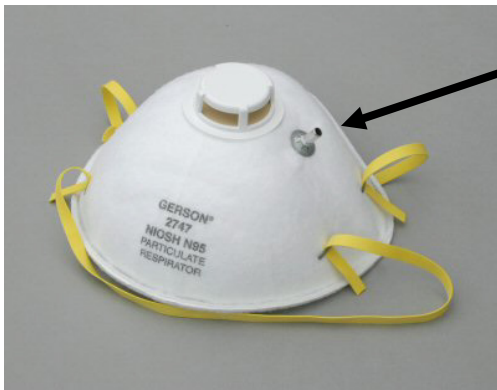
For proper fit testing, the sampling point must be in the “breathing zone” of the respirator user. For most respirators, this is in the center of the respirator between the person’s nose and mouth.



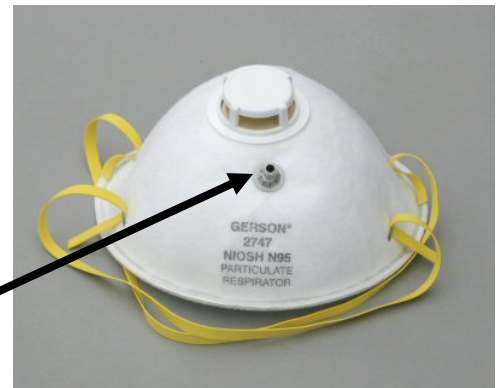
For flat “duckbill” style respirators, install the probe near the outer edge of the bottom panel where it cannot be blocked by the person’s chin.



For respirators with center-mounted exhalation valves, install the probe to the left or right of the valve. Do **not** install the probe above or below the valve because this risks having the probe blocked by the person’s nose or chin.



Correct probe location to left (or right) of valve



Wrong probe location below (or above) valve

For respirators with an outer mesh, install the probe normally as if the mesh was not present. The sampling probe and push nut will seal properly right through the mesh.



Step 2: Load a sample probe onto the piercing tool.



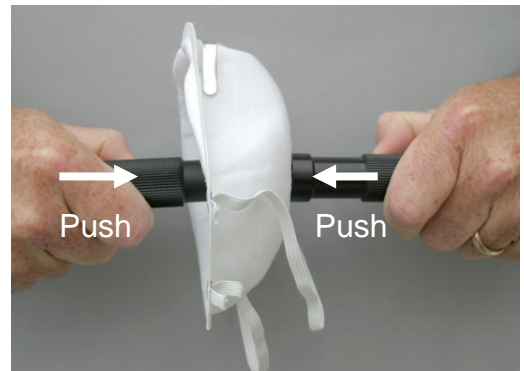
Step 3: Load a push nut onto the magnetic push nut tool.  
Make sure the concave side of the push nut is facing up.



Step 4: Use the piercing tool (with probe loaded) to puncture the respirator from the inside. It is not necessary to push the probe all the way through. All you need to do is get the point through far enough to be seen from the other side.



Step 5: On the outside of the respirator, align the push nut tool (with push nut loaded) over the end of the exposed point poking through the respirator. Hold the tools in-line with each other and firmly push them together as far as possible.



Step 6: Disengage the tools and inspect the sample port to make sure it's tightly pinched and will not leak. You should not be able to rotate the probe with your fingers. If necessary, use the tools again to tighten the port.

The respirator is now ready for fit testing.

