

Respiratory Protection

for First Responders



Fit Test the Easy Way

with the PORTACOUNT® Plus Respirator Fit Tester



Fit test your

- ✓ Gas mask
- ✓ SCBA
- ✓ Respirator
- ✓ TB-mask
- ✓ Dust mask

with the PORTACOUNT Plus Respirator Fit Tester

PORTACOUNT Plus—The only fit tester that does it all

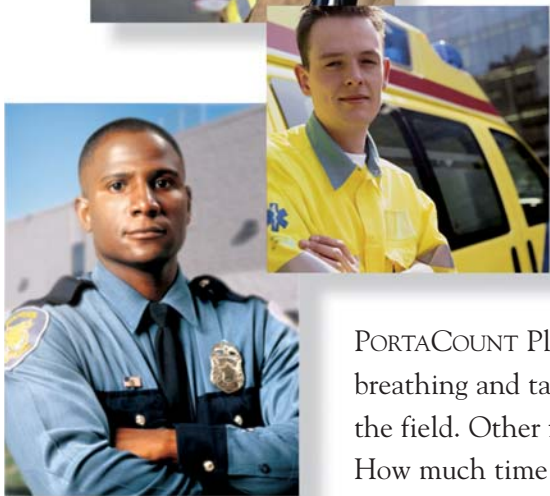
That's right! There is no other instrument that can *quantitatively* fit test all these types of respirators, including series-95 filtering-facepieces*. If the mask requires fit testing, count on the PORTACOUNT Plus to provide the fastest and easiest OSHA-accepted fit test method.

* N95-Companion accessory required for series-95 respirators.



Use the method worthy of your people

Existing qualitative fit test methods like Irritant Smoke, Banana Oil, Saccharin and Bitrex® are inherently limited to pass/fail levels equal to a fit factor of 100. A fit factor of 100 may be fine for a half mask, but those who rely on a full-face mask to keep them alive deserve better. This is especially true considering the life-threatening environments faced by emergency responders every day. OSHA and NFPA require a fit factor of at least 500 for full-face respirators. ANSI requires 1000. There is no qualitative method that meets that requirement.



The PORTACOUNT Plus eliminates the guesswork associated with tedious and error-prone qualitative fit test methods. Rather than depending on a person's chemical sensitivity or cooperation, the PORTACOUNT Plus measures actual fit.

Remember, a true fit test involves measuring mask fit under conditions that approximate actual use. The reason for this is obvious. The PORTACOUNT Plus measures fit while you simultaneously perform a series of moving, breathing and talking exercises designed to simulate the same movements you make in the field. Other fit testers estimate fit while you hold your breath and remain motionless. How much time do you spend holding your breath, frozen in-place, while wearing a mask? Have any plans to do that in the future? Probably not!

If it's good enough for the U.S. military...

The U.S. Army chose the PORTACOUNT because it's the only fit test instrument that meets their demanding requirements. In fact, the PORTACOUNT was originally developed specifically for military fit testing. You can be sure the U.S. military does not compromise when it comes to protecting their people. Neither should you!



Make sure your SCBA fits right

OSHA, ANSI and NFPA currently permit qualitative fit testing of positive-pressure masks like SCBAs. All qualitative methods using Irritant Smoke, Bitrex, Banana Oil and Saccharin methods are limited to a fit factor of 100. 100 is also the fit factor required for half masks and TB-masks. Wouldn't you feel more confident if your SCBA mask was tested to a much higher level? Don't settle for minimum requirements when your life may depend on it. Perform quantitative fit testing with the PORTACOUNT Plus using a pass/fail level of 500, 1000 or higher to make sure the mask fits right.






Gas masks and riot-control masks require *quantitative* fit testing

Unlike positive-pressure masks, gas masks and riot control masks require quantitative fit testing. The minimum fit factors are 500 (OSHA/NFPA) and 1000 (ANSI). Irritant Smoke, Banana Oil, Saccharin and Bitrex methods are limited to a fit factor of 100 and are therefore not allowed!

Fit test your TB-masks and dust masks

Your organization may already be using series-95 disposable (filtering-facepiece) respirators for protection from tuberculosis, SARS, or other hazards. Now you can put the benefits of quantitative fit testing to work for these respirators as well. The N95-Companion™ accessory for the PORTACOUNT Plus lets it perform fit tests on series-95 disposable masks. The PORTACOUNT Plus, together with the N95-Companion, is the *only* system capable of quantitatively fit testing series-95 disposable respirators. Even if you are not using series-95 disposables today, all new PORTACOUNTs are N95-Companion ready, so you can easily add this capability if and when the need arises. No other fit test system gives you this flexibility.



Facepiece Style	Use	
	Use PORTACOUNT Alone	N95-Companion with PORTACOUNT
 SCBA and Gas Mask (Full-Face)	✓	
 Half-mask	✓	
 Series-100 Disposable Series-99 Disposable Series-95 Disposable (TB-Masks)	✓ ✓	✓

Fit test adapters make fit testing simple...and there's a bonus!

Fit test adapters are available for most SCBA facepieces, gas masks and respirators. These adapters enable you to fit test people in their assigned mask, thereby eliminating the hygienic concerns associated with sharing a test mask. In addition, when you fit test in the person's assigned mask, you simultaneously perform an integrity test on that mask. It does not matter if a leak comes from a poor fit or from a defective mask. Either way, the PORTACOUNT Plus measures the leak.

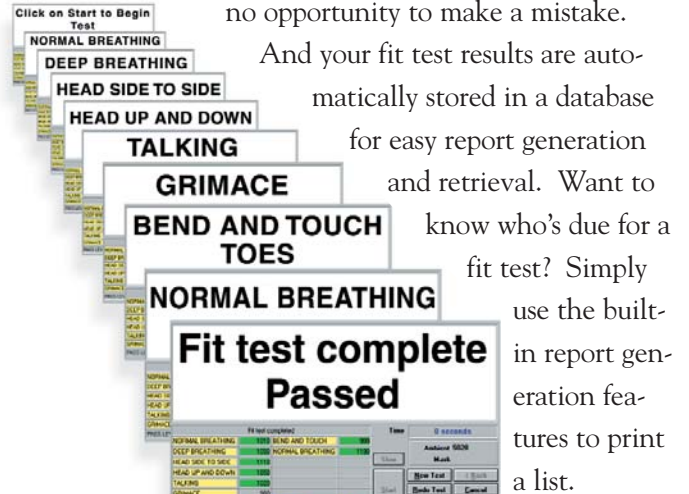


The PORTACOUNT Plus verifies mask fit and documents training

Fit testing with the PORTACOUNT Plus verifies mask fit and gives you confidence that each person knows how to don the mask correctly. You'll know the mask offers the best, safest fit possible. Passing a PORTACOUNT Plus fit test provides hardcopy documentation that the person has learned how to don the mask properly and has been issued a mask that is properly sized to achieve rated protection levels.

Automate fit testing

Fit testing is made simple using the FitPlus™ for Windows® software included with each PORTACOUNT Plus. The program leads you through the easy fit test exercise protocol step by step. There is no opportunity to make a mistake.



OSHA Protocol shown.

If you haven't looked to TSI before, please give us a call or check out our web site.

Remember, when it comes to fit testing all your mask types, you have two choices: The PORTACOUNT Plus...or the hard way!



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