

BREATHE EASIER The PORTACOUNT® PRO and PRO+ Respirator Fit Testers Deliver Fit Testing Emergency Responders Can Trust



HEALTH AND SAFETY

Respirator Fit Testing



TRUST. SCIENCE. INNOVATION.



Fit testing the right way means you're improving your risk management program while providing the best possible protection for your emergency responders. Equally important, you're complying with all regulations. The PORTACOUNT PRO Respirator Fit Tester is more than a piece of equipment. It's peace of mind.

Introducing the new PORTACOUNT PRO+ with Built-in N95 Companion™ Technology and PORTACOUNT PRO Respirator Fit Testers:

- New faster P1 and P2 fit testing times
- Simpler and easier to use
- European state compliant for all respirators, including P1 and P2
- Stand-alone operation, no external computer required

PORTACOUNT PRO+ Respirator Fit Tester— Does It All

No other fit tester can quantitatively fit test all types of respirators – gas masks, SCBAs, respirators, even P1 and P2 disposable (filtering-facepiece) respirators. If the mask requires fit testing, count on the PORTACOUNT PRO+ fit tester to provide the fastest and easiest approved fit test method.



Right Way



It's More Than a Fit Test. It's Someone's Life.

Facing life-threatening environments every day, emergency responders deserve the very best protection. Existing qualitative fit test methods like irritant smoke, banana oil, saccharin and Bitrex® are limited by validation and legislation to pass/fail levels equal to a fit factor of 100. OSHA and European state occupational health organisations only permit qualitative fit testing with this minimal fit factor for half masks and P rated filtering-facepiece respirators.

While a fit factor of 100 may be fine for a half mask, emergency responders who rely on a positive-pressure SCBA mask to keep them alive deserve the reliability that only a quantitative fit test from the PORTACOUNT Pro fit testers can deliver. OSHA and NFPA require a protection factor of at least 500 for full-face respirators; the UK regulations specify 2000. There is no qualitative method that meets these requirements. You can't afford to settle for minimum requirements when lives are at stake.

What's more, gas masks and riot control masks require quantitative fit testing. Because qualitative methods are limited to a fit factor of 100, they are not allowed. The U.S. and NATO militaries feel the same way. They have selected a Military version of the PORTACOUNT fit tester because it is the only instrument that meets their demanding requirements.

Fit Testing That's Fast, Easy and Accurate

The PORTACOUNT Pro and Pro+ fit testers eliminate the guesswork associated with tedious and error-prone qualitative fit test methods. Rather than depending on a person's chemical sensitivity or cooperation during a qualitative fit test, both PORTACOUNT Pro fit testers measure actual fit.

Remember, a true fit test involves measuring mask fit under conditions that approximate actual use. The PORTACOUNT Pro fit testers do exactly that. They measure fit while the user simultaneously performs a series of moving, breathing and talking exercises designed to simulate the same movements made in the field. Other quantitative fit testers estimate fit while the wearer holds his or her breath and remains motionless... certainly not a situation likely to occur under actual conditions.



Stand-Alone Operation, No Computer Necessary

Both units are quicker to set up and easier to operate because they do not require an external computer. The color touch screen lets you control the test with a touch of your finger, pen or stylus. However, a computer is necessary for report generation and optional fit test card printing. Simply plug in a USB flash-drive to store fit test data and transfer to a PC for record keeping.

Quantitative Testing Even on P1 and P2 Respirators

Your organisation may already be using P1 or P2 disposable (filtering-facepiece) respirators for protection from tuberculosis, SARS or for pandemic preparedness. The PORTACOUNT PRO+ fit tester is the only instrument capable of performing quantitative fit testing on these respirators.

The new PORTACOUNT PRO+ Fit tester:

- o Delivers faster P1 and P2 fit test times – down from 10.24 seconds to only 7.15 seconds (OSHA Protocols)
- o Offers greater simplicity with the built-in N95 Companion technology
- o Redesigned DMA for enhanced performance
- o Ability to perform fit testing on P1 and P2 respirators with much lower ambient particle concentrations
- o Reduces the need for an external particle generator

Fit Test Your Team in Their Own Masks

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 PRO fit testers measure the leak.



TSI Incorporated serves a global market by investigating, identifying and solving measurement problems. As an industry leader in the design and production of precision instruments, TSI partners with research institutions and customers around the world to set the standard for measurements relating to aerosol science, air flow, health and safety, indoor air quality, fluid dynamics and biohazard detection. With headquarters based in the U.S. and field offices throughout Europe and Asia, TSI has established a worldwide presence in the markets we serve. Every day, our dedicated employees turn research into reality.

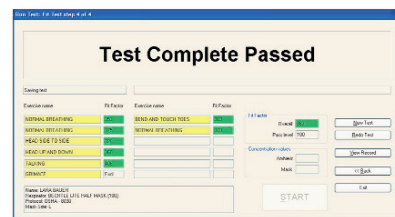
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FitPRO™ Fit Test Software Makes Testing Simple

The FitPRO software program automatically leads you through the fit test protocol step by step. You can't make a mistake and your fit test results are stored in a database for easy report generation, retrieval and regulatory compliance. Want to know who is due for a fit test? Simply use the built-in report generation features to print a list.



FitPRO software along with the optional Card Printer allows you to print fit test cards for everyone you fit test. This is a convenient way for emergency responders to have verification that they passed a recent fit test and to make sure they are using the correct respirator make, model and size. The card also helps them remember when their next fit test is due.

PORTACOUNT PRO Fit Testers Verify Mask Fit and Document Training

Use the Real-Time Fit Factor Display as part of your annual respiratory protection training program. It shows emergency responders in real time the effects of mask positioning and strap tightness as they conduct and learn proper respirator donning procedures.

Passing a fit test with the PORTACOUNT PRO fit testers 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. You'll know the mask offers the best fit possible.

Insist on PORTACOUNT PRO and PRO+ Respirator Fit Testers... for fit testing you can trust.

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