



The Only OSHA Approved Automated Nebulizer for Bitrex® and Saccharin!

Features and Benefits

- Easy...Accurate...Repeatable...
- Reduces work by > 95%*
 - Saves time and money
- Eliminates repetitive stress disorders
- No mess or handling of solutions with pre-filled cartridges
- Light weight, portable, battery operated
- Generates a consistent test agent with pump driven nebulizer
 - Significantly reduces clogging of Saccharin solution
- Interactive training tool for initial and follow-up training

*Work reduction for Qfit™ automatic fit test model.

No Stress...No Mess...at the Push of a Button...Fit Test Done.

Qfit™ Respirator Fit Testers

Introducing a no stress, no mess qualitative fit testing solution. The Qfit™ Respirator Fit Tester is the only OSHA (29CFR 1910.134) compliant automated pump driven nebulizer for Bitrex® and Saccharin to qualitatively test the integrity of respirators. At the push of a button, the Qfit™ fit tester generates a consistent test agent with a pump driven nebulizer eliminating the repetitive stress disorders associated with using squeeze bulb nebulizers. The Qfit™ fit tester utilizes pre-filled cartridges eliminating the nuisance of mixing, handling, and refilling solutions.

The Qfit™ Respirator Fit Tester has two versions: automatic and manual. Both versions replace the need to repetitively hand aspirate a rubber squeeze bulb by utilizing an integral pump to disperse sensitivity and fit test solutions. The main difference between automatic and manual versions is that the automatic version controls the Qfit™ fit tester by utilizing a built-in timing sequence to automatically execute the fit test protocol. The manual version requires the user to control the Qfit™ fit tester manually to execute the fit test protocol.



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Respirator Fit Testing



Both automatic and manual Qfit™ fit testers can be operated in either a handheld or remote modes.

Save Time & Money

Traditional qualitative fit testing utilizing a hand aspirated squeeze bulb nebulizer can range anywhere from 85 to 255 pump strokes to complete a sensitivity and fit test on an employee. Here are two examples of how the Qfit™ fit tester reduces work over a traditional squeeze bulb qualitative fit test.

Example: an employee passes a ten pump stroke sensitivity test, meaning there will be 75 more pump strokes necessary to complete the fit test for a total of 85 pump strokes.

- The automatic Qfit™ fit tester will complete the same sensitivity and fit test in a total of 2 button pushes, reducing work by more than 95%.
- The manual Qfit™ fit tester will complete the same sensitivity and fit test in a total of 17 button pushes, reducing work by 80%.



The More People You Test, The Less Work You Have.

For 25 years, TSI has been the industry leader in respirator fit testing. TSI, your total fit testing solution.



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