PORTACOUNT® PRO+ RESPIRATOR FIT TESTER
MODEL 8038
RESPIRATOR FIT TESTING YOU CAN TRUST

No other fit tester can quantitatively fit test all types of respirators—gas masks, SCBAs, respirators, even N95 disposable (filtering-facepiece) respirators. The PortaCount® Pro+ Model 8038 Respirator Fit Tester eliminates the guesswork associated with tedious and error-prone qualitative fit test methods. If the mask requires fit testing, count on the PortaCount Pro+ fit tester to provide the fastest, easiest and best OSHA-accepted fit test method.

PortaCount Pro+ Respirator Fit Tester Kit Includes
+ Carrying case
+ AC adapter
+ Alcohol supply (enough for ~240 hours of operation)
+ FitPro+™ Fit Test Software on CD
+ USB computer interface cable
+ Particle Generator (shipped separately)
+ Operation and service manual

For additional software information, see the TSI FitPro+ Fit Test Software Specification Sheet.

Features and Benefits
+ Greater simplicity with the built-in N95-Companion™ technology
+ Stand-alone operation—no external computer required
+ Reduces need for an external particle generator
  - Redesigned DMA for enhanced performance
  - Ability to perform N95 fit testing with much lower ambient particle concentrations
+ Color touch screen
+ OSHA-compliant for all respirators, including N95
+ Measures fit factors greater than 10,000
+ Switch between different respirator types in under a minute
+ Automates fit testing with FitPro+ Fit Test software
+ Software prints fit test cards with fit test report or on ID cards

tsi.com
UNDERSTANDING, ACCELERATED
Fit Factor Range
1 to greater than 10,000, 1 to 200 for N95 masks

Respirator Facepieces that can be Fit Tested
- Full-face elastomeric
- Half-face elastomeric
- NIOSH series-100 filtering-facepiece
- NIOSH series-99 filtering-facepiece
- NIOSH series-95 filtering-facepiece

Fit Factor Measurement
Direct measurement of fit factor \( \frac{C_{\text{out}}}{C_{\text{in}}} \)

Dimensions
6.75 in. x 8.5 in. x 9.5 in. (17 cm x 22 cm x 24 cm)

Weight
- Unit Only: 6.8 lb. (3.1 kg)
- With Standard Accessories and Case: 18 lb. (8.2 kg)

Power
Autosensing 100 to 250 VAC, 50 to 60 Hz

Flow Rate
- Sample: 350 cm³/min
- Total: 1000 cm³/min (nominal)

Temperature Range
- Operation: 32 to 100°F (0 to 38°C)
- Storage: -40 to 122°F (-40 to 50°C)

Alcohol
- Hours Per Charge: 6 hours at 70°F (21°C)
- Alcohol Type: 99.5% + reagent grade isopropyl

Carrying Case
- Dimensions (HWD): 9 in. x 13.7 in. x 19.5 in.
  (23 cm x 34.8 cm x 49.5 cm)

Pass/Fail Setting
User-selectable: 0 to 10,000

Factory Recalibration Interval
One year

Warranty
Two years on workmanship and materials

Minimum PC Hardware Requirements for FitPro+ Fit Test Software
- Windows® 7 (32 and 64 bit), Windows 8 (32 and 64 bit),
  or Windows 10 (32 and 64 bit) operating system
- Microsoft.Net version 4 (installation software will install Microsoft.Net if necessary)
  Note: An internet connection is required to install Microsoft.Net
- ≥ 1 GHz processor
- ≥ 1280 x 800 screen resolution monitor
- 500 MB free space on hard drive
- 1 free USB port
- CD-ROM reader or internet connection (to install the software)

Optional Accessories
- Mask Sampling Adapters for select respirator models

*Mask leakage is measured simultaneously while test subject moves and breathes.

PortaCount, TSI, and the TSI logo are registered trademarks, and FitPro+ and N95-Companion are trademarks of TSI Incorporated.

Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries.

To see our list of patents please visit: www.tsi.com/patents