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, P1 and P2 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 HSE and 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, P2 and P1 fit testing with much lower ambient particle concentrations
+ Color touch screen
+ HSE and OSHA-compliant for all respirators, including N95, P1 and P2
+ 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
**SPECIFICATIONS**

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**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
- P3 filtering-facepiece
- P2 filtering-facepiece
- P1 filtering-facepiece

**Fit Factor Measurement**
Direct measurement of fit factor ($C_{out}/C_{in}$)*

**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.

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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

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