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

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SPECIFICATIONS

PORTACOUNT® PRO+ RESPIRATOR FIT TESTER MODEL 8038

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 cm^3/min
Total	1000 cm^3/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 process
≥ 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.

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

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TSI Incorporated - Visit our website **www.tsi.com** for more information.

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