



Features and Benefits

- Faster P1 and P2 fit testing time—down from 10:24 seconds to only 7:15 seconds
- 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 fit testing on P1 and P2 respirators with much lower ambient particle concentrations
- Color touch screen
- Compliant with EU regulations for all respirators, including 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
- Optional Card Printer allows you to print staff fit test cards

PORTACOUNT® PRO+ Respirator Fit Tester Model 8038

No other fit tester can quantitatively fit test all types of respirators—gas masks, SCBAs, respirators, even P1 and P2 disposable (filtering-facepiece) respirators. The PORTACOUNT PRO+ 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 approved fit test method.

PORTACOUNT PRO+ Respirator Fit Tester Kit Includes

- Carrying case
- AC adapter
- Alcohol supply (enough for approximately 240 hours of operation)
- FitPro Fit Test Software on CD
- USB computer interface cable
- Operation and service manual

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

*A computer is necessary for report generation and fit test card printing



Specifications

Model 8038 PORTACOUNT PRO+ Respirator Fit Tester

Fit Factor Range

1 to greater than 10,000, 1 to 200 for P1 and P2 respirators

Typical Fit Factor Accuracy

±10% of reading

Respirator Facepieces that can be Fit Tested

Full-face elastomeric
Half-face elastomeric
EN series P3 filtering-facepiece
EN series P2 filtering-facepiece
EN series P1 filtering-facepiece

Fit Factor Measurement

Direct measurement of fit factor (C_{out}/C_{in})*

Dimensions (HWD)

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

Weight

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

Power

Autosensing 100 to 250 VAC, 50 to 60 Hz

Flow Rate

Sample 350 cm³/min
Total 1000 cm³/min (nominal)

Temperature Range

Operation 0 to 35°C (32 to 100°F)
Storage -40 to 70°C (-40 to 160°F)

Alcohol

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

Carrying Case

Dimensions (HWD) 23 cm x 36 cm x 53 cm
(9 in. x 14 in. x 21 in.)

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

Microsoft® Windows® XP, Windows Vista®, or 7 (32-bit only) software

Optional Accessories

Model 8907 Fit Test card printer
Mask Sampling Adapters for select respirator models

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

Model 8038 PORTACOUNT® Pro+ Respirator Fit Tester is patented under U.S. Patent No. 6,125,845.

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