

Respirator Fit Testing



Features and Benefits

- Simpler and easier to use
- Stand-alone operation—no external computer required* makes unit quicker to set up, easier to operate
- Color touch screen lets you operate the instrument with a touch of your finger, pen, or stylus
- Compliant with EU regulations for all respirators, except P1 and P2
- Measures fit factors greater than 10,000
- Computes respirator fit factor using microscopic particles in ambient air
- Automates fit testing with FitPro™ Fit Test software
- Optional mask sampling adapters allow employees to be tested in their own respirators
- Optional Card Printer allows you to print employee fit test cards

**PORTACOUNT® PRO Respirator Fit Tester
Model 8030**

No other fit tester can quantitatively fit test so many types of respirators—gas masks, SCBAs, respirators, even disposables (for fit testing P1 and P2 disposable respirators, see the PORTACOUNT® PRO+ Respirator Fit Tester). 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 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
- Operation and service manual
- USB computer interface cable

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



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Specifications

Model 8030 PORTACOUNT PRO Respirator Fit Tester

Fit Factor Range

1 to greater than 10,000

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

2.7 kg (5.0 lb)

With Standard Accessories and Case

7.3 kg (16 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 38°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 and Windows Vista® software

Optional Accessories

Model 8901 Fit Test card printer

Mask Sampling Adapters for select respirator models

*8038 upgrade required for P1 and P2 respirators.

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

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