



### 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
- Software prints fit test cards with fit test report or on ID 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 ~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 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 cm<sup>3</sup>/min  
Total 1000 cm<sup>3</sup>/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 34.8 cm x 49.5 cm  
(9 in. x 13.7 in. x 19.5 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® (32-bit only), or  
Windows 7 (32- and 64-bit) software

## Optional Accessories

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.

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

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