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Meetapparatuur voor professionals

PORTACOUNT® PRO RESPIRATOR FIT TESTER MODEL 8030

RESPIRATOR FIT TESTING
YOU CAN TRUST

No other fit tester can quantitatively fit test so many types of respirators–gas masks, SCBAs, respirators, even disposables (for fit testing N95 disposable respirators, see the PortaCount® Pro+ Model 8038 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 best 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
+ Operation and service manual

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

Features and Benefits

+ Simple and easy to use
+ Stand-alone operation–no external computer allows for quick setup
+ Color touch screen enables operation of the instrument with a touch of a finger, pen, or stylus
+ OSHA-compliant for all respirators, except N95
+ 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

Kwantitatieve Fittesten

TSI® UNDERSTANDING, ACCELERATED

SPECIFICATIONS

PORTACOUNT® PRO RESPIRATOR FIT TESTER MODEL 8030

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
NIOSH series-100 filtering-facepiece
NIOSH series-99 filtering-facepiece
NIOSH series-95 filtering-facepiece*

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

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

Weight

Unit Only	5.0 lb. (2.7 kg)
With Standard Accessories and Case	16 lb. (7.3 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

*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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Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries.

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