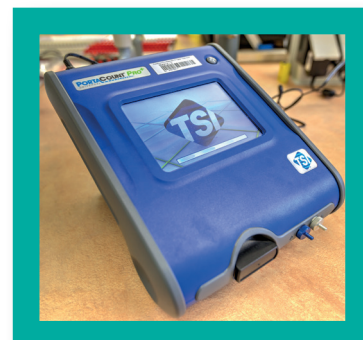


PortaCount Pro+ Respirator Fit Tester

SPECIFICATIONS

Respiratory protection tester with fit testing (Model 8038-1) for all types of respirators - gas masks, SCBAs, respirators, even N95, P1 and P2 disposable respirators (filtering facepiece). Using the instrument, the fastest, easiest and best HSE (UK) and OSHA (US) - compliant fit test method can be provided.



MEASURING METHODS

The instrument is designed for measuring the tightness factors of masks with an efficiency of 99% or higher, it allows you to measure all tight-fitting respirators including disposable types N95, P2 and P1. After preparing the instrument and performing daily checks, the instrument is ready to perform tightness tests, which include 8 different exercises, which must be performed with properly fitted respirator. When finished the device displays the result - the total tightness factor for the set of exercises and whether the result passed/failed in comparison with the total tightness factor. In case of a negative result, the cause must be determined and the test repeated.

OVERVIEW OF MEASURABLE PARAMETERS / OUTPUT INFORMATION

Number of particles outside and inside the mask (filter)/ratio number. This is a weighted average based on the amount of hazardous particles, which could be inhaled by a tested person, if they were at the workplace. In USA, OSHA requires a minimum tightness factor of 100 for half-face masks and 500 for full-face masks.

TYPES OF SAMPLES SUITABLE FOR ANALYSIS / MEASUREMENT CONDITIONS

All types of respirators - gas masks, SCBAs, respirators, even N95, P1 and P2 disposable respirators.