

Model 8026 Particle Generator

Use your PORTACOUNT® Plus Respirator Fit Tester virtually anywhere with the Model 8026 Particle Generator

TSI is the leader in quantitative respirator fit testing. Our PORTACOUNT Plus Respirator Fit Tester is the most advanced, easy to use, and reliable product on the market today. And now, TSI is offering an accessory for enhancing ambient particle counts. The Model 8026 Particle Generator is a unique instrument that supplements the ambient particle count, allowing the PORTACOUNT to be operated in areas where the normal particle count is not sufficient.

Some locations do not have a sufficient concentration of microscopic ambient particles to accommodate fit testing with a PORTACOUNT. This condition can be caused by high-efficiency filters in the ventilation system, unusual environmental conditions or other factors. Generating particles with a candle can solve the problem, but many organizations do not permit an open flame on the premises. The Particle Generator produces an invisible aerosol of non-toxic salt particles in the proper size range needed for the fit test.

The Particle Generator works by atomizing an aqueous solution of salt into minute droplets and then launching them into the air. The water in the droplets evaporates almost instantly, but the dissolved salt does not.



The result is an aerosol of microscopic salt particles. Simply fill the Particle Generator's reservoir with clean tap water and let one of the supplied salt tablets (NaCl) dissolve. Turn the instrument on, and within



about 15 minutes the ambient particle count will exceed the minimum levels necessary for your PORTACOUNT to operate, assuming an average size room. Run the Particle Generator continuously while fit testing to maintain a stable particle concentration. One filling lasts all day.

The Particle Generator is included with the Model 8028 Universal PortaCount and Model 8095 N95-Companion™ Kit. It is available separately for PORTACOUNT users who need to supplement ambient particle counts, but do not have use for the N95-Companion.

Specifications

Size	10 in. × 4 in. × 5.25 in. (25.4 cm × 10.1 cm × 13.3 cm)
Weight	2.75 lb. (1.25 kg)
Operating Voltage	115 or 230 VAC (specify when ordering)
Warranty	Two year on parts and labor
Generated Particle Statistics	
Geometric Standard Deviation (GSD)	2.2 (nominal)
Count Median Diameter (CMD)	0.04 micrometers (nominal)

Features and specifications subject to change without notice.





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