



TORONTECH



SIMULATED WEARING TREATMENT TESTER

Simulated Wearing Treatment Tester ToronFM™ SWTT is designed to replicate the wearing process prior to conducting respiratory resistance or filtration material penetration tests on a breathing device.

The breathing device is activated, the saturator is turned on, and the system is allowed to stabilize.

The particle-filtering half mask being tested is secured onto a dummy head. At approximately 20-minute intervals, the mask is entirely removed from the dummy head and refitted. This process is repeated ten times during the test period.

Simulated Wearing Treatment Tester

APPLICATIONS

Standards

1. EN 149 section 8.3.1

FEATURES

1. This machine features a breathing simulator, dummy head, saturator, temperature controller, and flowmeter. It is capable of operating at 25 cycles per minute with a stroke volume of 2.0 liters.
2. The air can be saturated at the dummy head's mouth to a temperature of $(37 \pm 2)^{\circ}\text{C}$.
3. User-friendly touch screen control for effortless operation.

TECHNICAL SPECIFICATIONS

Model	ToronFM™ SWTT
Breathe Frequency	25 cpm
Tidal Volume	0.5L/min-2.8L/min
Flowmeter Range	5-45L/min, accuracy: 1L/min
Weight	50kg
Voltage	AC220V 50Hz (110V is also available)



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