



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.



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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