



FILTER OSCILLATION TEST CHAMBER

Filter Oscillation Test Chamber ToronFM™ FOTC is designed to evaluate the durability and performance of filter materials under oscillation conditions. Compliant with standards such as EN 136, EN 149 8.3.3, EN 143, this chamber ensures precise testing of filters for industrial and personal protective equipment. With advanced features like adjustable vibration time, frequency, and a robust vibration box, it provides reliable testing for high-quality filtration solutions.

APPLICATIONS

Standards

- 1. EN 136 – Specifies performance requirements, testing, and classification for full-face respiratory protective masks used with replaceable filters.
- 2. EN 149 Section 8.3.3 – Defines the filter penetration test method for filtering half masks to evaluate particle filtration efficiency under specified airflow conditions.
- 3. EN 143 – Specifies requirements, testing, and classification for particle filters used with respiratory protective devices.

TECHNICAL SPECIFICATIONS

Model	ToronFM™ FOTC
Vibration Box Drop Height	20mm
Vibration Box Weight	>10kg

Cam Rotation Frequency	100r/min
Vibration Time	=20min, can be set
Vibration Frequency	=2000times, can be set



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