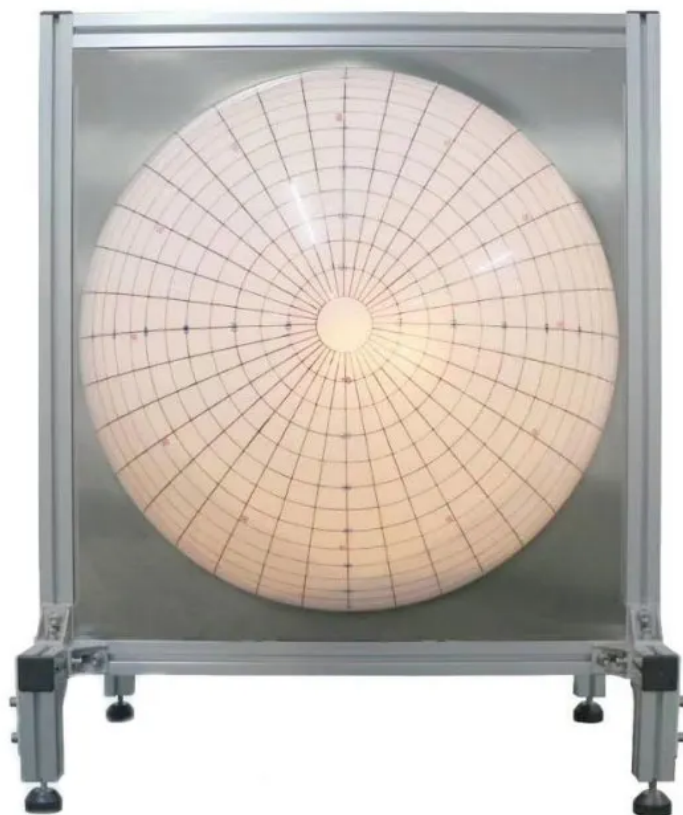




TORONTECH



FACE MASK VISUAL FIELD TESTER

Face Mask Visual Field Tester ToronFM™ VFT evaluates whether the mask's field of vision complies with standard requirements.

APPLICATIONS

The Torontech ToronFM™ VFT is a specialized instrument for quantitatively measuring the field of vision afforded by a respirator or full-face mask. Its primary application is to ensure that a mask's design does not dangerously obstruct the wearer's peripheral vision. This is a fundamental ergonomic and safety test, critical for ensuring that a user can maintain situational awareness and perform tasks safely without impairment.

This essential safety and usability test is a mandatory part of certification for:

- **Respirator & Mask Manufacturing:** As a critical design validation and quality control test for manufacturers of full-face respirators and other masks that cover the eyes, ensuring their products meet the minimum field of vision requirements mandated by occupational safety standards.
- **Third-Party & Government Certification:** For regulatory bodies and accredited test labs to independently verify that respirators on the market provide an adequate field of vision, which is a key parameter for ensuring the overall safety and usability of the device.
- **Personal Protective Equipment (PPE) R&D:** As a primary design tool for developing new full-face masks and respirators, allowing engineers to optimize the balance between a secure seal, protective coverage, and a wide, unobstructed field of view.
- **Defense & First Responders:** To certify that gas masks and Self-Contained Breathing Apparatus (SCBA) used by military personnel, firefighters, and HAZMAT teams provide the necessary peripheral vision to safely navigate and operate in high-stress, hazardous environments.

FEATURES

- Hemispherical Visual Field (Including Holder)
- Standard Head Mold with Electric Beads and Control Switch
- Spherical Projection for Field of Vision

TECHNICAL SPECIFICATIONS

Model	ToronFM™ VFT
Perimetry semicircle radius	305mm
Left and right field of vision	≤120°
Pupillary distance	62.5mm
Head mold	Can move left and right
Dimensions	800×500×750mm
Weight	30kg



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