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# MEDICAL GLOVES WATERTIGHTNESS TESTER

# Medical Gloves Watertightness Tester | ISO 10282, EN 455-1, ASTM D5151

Medical Gloves Watertightness Tester – Model ToronMed™ MGWT01 is designed to evaluate the watertightness of medical examination gloves and protective gloves used in healthcare, laboratory, chemical, and microbiological environments.

By accurately simulating real-world use conditions, this tester ensures that gloves provide reliable liquid barrier protection against contamination, infection, and hazardous exposure. It is an essential tool for glove manufacturers, regulatory laboratories, and healthcare product quality control.

The Medical Gloves Watertightness Tester – Model ToronMed™ MGWT01 provides a cost-effective, reliable, and standards-compliant solution for testing the liquid barrier integrity of gloves, ensuring they deliver maximum protection and quality assurance for both medical professionals and patients.

## APPLICATIONS

The Medical Gloves Watertightness Tester – Model ToronMed™ MGWT01 is suitable for:

- Medical examination gloves used in hospitals, clinics, and laboratories.
- Protective gloves for handling contaminated materials.
- Chemical-resistant gloves used in pharmaceutical and laboratory settings.
- Microbial barrier gloves designed for infection prevention and biosafety.

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ToronMed-MGWT01 - Medical Gloves Watertightness Tester

# Standards

The Medical Gloves Watertightness Tester – Model ToronMed™ MGWT01 is designed in compliance with relevant international standards for medical and protective gloves, including:

- ISO 10282 – Single-use sterile rubber surgical gloves – determination of watertightness.
- EN 455-1 – Medical gloves for single use – requirements and testing for freedom from holes.
- ASTM D5151 – Standard test method for detection of holes in medical gloves.

By meeting these standards, the ToronMed™ MGWT01 ensures glove manufacturers and testing laboratories can demonstrate global compliance, safety, and reliability of protective gloves.

## FEATURES

- Specialized glove test fixtures for high-efficiency testing of multiple glove types.
- Transparent hollow mandrels (≥60 mm diameter) designed to accommodate up to 1000 mL of water for watertightness evaluation.
- Sturdy holding device to ensure stability and accuracy during testing.
- Graduated cylinder (≥1000 mL capacity) for precise water measurement.
- Integrated timer to ensure accurate test cycles.

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