



# RAVONA'S IGT Series

Elevate Your Glove Integrity Testing with RAVONA's IGT Series

Our fully automated, battery-powered testers set a new benchmark in accuracy and simplicity—employing ISO 10648-2-compliant pressure decay technology and a 21 CFR Part 11-compliant software. Every essential component for dependable glove integrity testing is neatly integrated into the test cover, making the IGT Series both user-friendly and highly efficient.

Offered in a modular design to meet diverse requirements, the IGT Series supports:

- IGT-200: A stand-alone unit for straightforward, on-site testing.
- IGT-300: A multi-tester trolley for high-throughput operations.
- IGT-400: An integrated solution for seamless isolator platform installation.

Wherever it's deployed, the IGT Series delivers consistent, precision-driven performance—minimizing downtime, simplifying compliance, and ensuring unmatched confidence in glove integrity testing.

## RAVONA

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## IGT Series Key Features:

- **Hygienic Design:** Ideal for cleanroom applications.
- **ISO 10648-2 Compliance:** Pressure decay measurements for rigorous accuracy.
- **21 CFR Part 11–Compliant :** Electronic records and audit trails.
- **100µm Hole Detection:** Advanced sensitivity for early fault identification.
- **Over 100 Tests per Charge:** Long-lasting, battery-powered operation.
- **RFID Recognition:** Automatic glove port identification for streamlined testing.
- **Multiple Port Compatibility:** Fits a variety of glove port shapes and sizes.
- **Wireless Operation:** Eliminates cumbersome cables and simplifies setup.
- **Calibration Ports:** Ensures consistent performance and easy verification.
- **LDAP Connectivity:** Supports Windows Active Directory for secure user management
- **FTP Data Saving:** Stores test results on the organization’s network for easy access
- **Flexible Recipes & User Levels:** Tailor tests and manage operator permissions
- **Comprehensive Reporting:** Generate and review clear, detailed test results

## Optional features:

- **Technical documentation – HDS, SDS, FDS P&ID.**
- **IOQ.**
- **Calibration box.**
- **Trolley.**



## IGT Series Models:

### IGT-200

- Enhanced Operator & Product Safety**  
 Safeguards both personnel and aseptic processes by ensuring gloves are reliably leak-proof—even down to **50 microns** in isolators, containment setups, and R.A.B.S. systems.
- High-Precision Leak Detection**  
 Engineered with advanced sensors and algorithms to detect even the smallest defects before they compromise sterility or put operators at risk.
- Regulatory Compliance**  
 Built to meet CFR 21 Part 11, ISO, FDA, and cGMP standards, the IGT-200 supports stringent quality assurance and helps streamline your facility's compliance.
- Customizable & Flexible**  
 Easily adapts to various glove port types and containment environments, ensuring seamless integration into a wide range of aseptic and containment applications.
- Stand alone unit & completely automatic**



## IGT Series Models:

### IGT: 300

- **Comprehensive Testing** -The IGT-300 ensures that gloves used in critical environments remain intact, protecting both personnel and product integrity.
- **Fully Integrated** - Works seamlessly within SCADA systems, offering centralized monitoring and real-time feedback on glove integrity status.
- **Regulatory Compliance** - Fully CFR 21 Part 11 compliant, ensuring your glove testing processes meet the highest regulatory standards.
- **Advanced Leak Detection** - Detects leaks as small as 50 microns, providing accurate results and preventing exposure to hazardous substances.
- **Traceability and Documentation** - Automatically generates PDF reports, providing secure storage of results for easy access and compliance auditing.
- **User-Friendly Operation** - Simple and intuitive controls with an HMI interface ensure seamless glove testing operations for your team.



## IGT Series Models:

### IGT: 400

- **Wireless Design:** The IGT-400 offers a state-of-the-art wireless design, providing flexibility and ease of installation. This design ensures that you can place the tester where it's most effective without worrying about cumbersome cables or restricted mobility.
- **Seamless Integration:** The IGT-400 integrates directly with the **Isolator HMI** and **PLC systems**, providing a comprehensive and efficient system for monitoring the condition of gloves. This is a big advantage of validation taking a part of the Isolator's main validation system.
- **Real-time Monitoring:** Continuous, real-time monitoring ensures that any failure or breach in glove integrity is immediately detected. Alerts are sent to the operator interface, giving swift corrective actions that can be taken and used to maintain a safe environment.
- **50 micron holes detection**, allowing to detect small holes in the glove and guarantee the reliability and reputation of the tester made by RAVONA.



## IGT Calibration Box:

### IGT Calibration Box:

RAVONA'S calibration box, is a great solution for Glove Testers calibration of the pressure transmitters.

The RAVONA calibration boxes, are used for calibrating the pressure transmitters of the glove testers with a calibration port located on the back side of the box.

The calibration box allows for a sealed environment and easy calibration.

Together with the calibration box, RAVONA offers a TC plug with 100  $\mu$  calibrated hall, in order to simulate a small hall size, and detection of it.

The box is equipped with an RFID tag that allows the tester to recognize the box and generate the details in the report.

