

DGT Pro Wireless Glove Tester



Redefining Glove Integrity Testing for Pharma & Chemical Industries.

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Freedom from Cables. Full Compliance. Maximum Safety and Data Traceability

DEC Wireless Glove Testing system is the most flexible glove integrity testing set-up on the market enabling testing up to 40 gloves simultaneously. The Glove Tester Device (GT) utilizes pressure decay method according to ISO 14644-7 Annex 5. The GTs can be connected via wireless long-range LORA connection to the GT Management System providing outstanding data traceability in line with GMP requirements.

Key Benefits

- Wireless Connectivity: LoRa technology ensures stable, long-range communication without cable clutter.
- Smart Tracking: RFID integration for glove identification and complete test history.
- Regulatory Confidence: Fully compliant with GMP Annex 1, 14644-7 Annex 5, 21 CFR Part 11, and EU Annex 11.

- Operator Safety: Detects micro-defects $\geq 100 \mu\text{m}$ to prevent contamination and exposure.
- Efficiency Boost: Testing up to 40 gloves simultaneously for faster batch release.
- Full data traceability: All test data sent to central testing system for test data recording and final report. Detailed audit trail available.

Core Features

- Testing Method: Pressure decay
- Inflatable Seal: Secure glove port sealing
- Three possible Operating Modes:
 - » Online: Two-way wireless communication with central systems (GT Device \leftrightarrow PC Controller \leftrightarrow Isolator SCADA system)
 - » Stand-alone: One way wireless data transmission after each test. (GT Device \leftrightarrow PC Controller)

» Offline: Independent testing with local PASS/FAIL display on GT Device.

- Compact Design: Modular, ergonomic, and cleanroom-ready.
- Rechargeable Lithium-Ion batteries with battery management system and practical charging via magnetic charging socket
- Accessories: Mobile Docking and Recharging Station capable to house up to 10 glove tester devices, Convenient test control via handheld tablet, Adapters for various glove-ports sizes
- Temperature and ambient pressure control for improved accuracy being an advantage over glove testers offered by other suppliers.

Why to choose DEC Glove Tester?

- Choice between three operating modes: Online, Stand-alone, Offline
- Rapid docking, glove inflation and testing
- Simultaneous testing of 40 gloves and reduced isolator downtime.
- Full data traceability: testing steps can be reconstructed based on reporting and audit trail



Upgrade to Wireless. Upgrade to Confidence. Contact us today for a demo or technical consultation.