

30 Years

of Active Powder Handling
and Containment out of the Box



1987 | 1997 | 2007 | 2017

Dec Gove Tester: Valuable accessory for high containment facilities

Overview

The Dec Glove Tester is a highly useful accessory enhancing the process safety particularly in high containment applications.

The glove integrity testing system incorporates fully automated measurement and glove filling, offering superior hole or tear detection and providing faster verification of 100% glove integrity.

It is highly mobile and compact, allowing glove testing to be performed on site at the actual workstation and is compatible with all glove types (CSM, EPDM, etc.).



Dec Glove Tester: ready for use right out of the packaging

Design and Engineering

The Dec Glove tester is based on fully-automated measurement with preconfigured parameters that can be tailored to client's own glove type and detection requirements.

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The system incorporates an automatic glove-filling pump, making it autonomous. The intuitive two-button control system combined with clear digital display makes the system very easy to operate.

The highly sensitive measurement system can detect holes and leaks smaller than 100 µm.

High capacity battery makes the system cable free while providing long operating times for repetitive measurements to validate an entire isolator/RABS environment without interruption.

The system incorporates electronically controlled clamping and sealing of the glove port, using a pneumatic inflated rubber seal.

The system is certified to IP64 standard and incorporates an easily replaceable 0.3 µm air intake filter, making it clean room compliant (the glove tester is not intended for use in ATEX zones).

Features and benefits

The Dec glove tester delivers a series of clear user benefits:

- Immediately ready for use: unpack, insert and start the automated measurement
- Automatic glove filling: no additional air supply needed
- Ultra sensitive: superior hole detection of holes within short testing time spans
- Fast glove integrity verification within as little as 15 minutes total test time, depending on glove material
- Reliable in-situ testing without jeopardizing glove integrity by glove removal or manipulation
- 100 % mobility: lightweight and completely cable-free
- Customizable to individual requirements for glove size, shape and material
- Cleanroom suitable: IP64 certification and 0.3 µm air intake filter
- The system provides all necessary status-related information, with pressure gauge, battery status, and glove integrity measurement data displayed digitally
- Digital display provides all necessary parameters and data at a glance
- Simplicity of operation with intuitive two button interface
- cGMP compliant

Services and Extensions

The glove tester is supported by a number of services, including:

- Custom glove integrity test parameters to your requirements
- Qualification Services (IQ, OQ and more)

The system can be enhanced with a range of optional extensions, including:

- Easily interchangeable external battery or device integrated battery
- Integrated RFID-chip for automatic port recognition
- Transport and storage trolley
- Storage bracket
- Single charging station
- 5-way charging station