GITS
GLOVE INTEGRITY TESTING SYSTEM

GITS is used to test glove integrity in conformity with the pressure decay method ISO 14644-7, Annex E.5 (test in positive pressure).

Today the demand for higher safety in handling operations inside an isolator has increased the need and the frequency of the controls of one of the most critical parts of an isolator: the GLOVE.
This product is fully cGMP and is conceived to give an appropriate answer to every need, in terms of safety, ease of use and flexibility.

The Wi-Fi connection with a remote PC, the battery-driven concept and the compact design, extremely facilitate the application also in inaccessible locations.

The basic configuration is equipped with 1kit to test 2 gloves simultaneously. The system can also be equipped with additional hand glove testing units, in order to check up to 20 gloves at the same time, or more….

COMECER®

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MAIN FEATURES

- Automatic glove tester (basic with 2 automatic hand glove testing units)
- Brake-Proof Combo Kit Case including: PC, wireless router, compressed air pistol, mobile battery charger
- Software User friendly, specifically designed
- Data Record & traceability
- Data transmission via Wi-Fi
- Easy Start-up & testing
- cGMP compliant.

TECHNICAL CHARACTERISTICS

- Required operational air pressure (positive) should be generated on-site (compressed air pistol for cover connection is included)
- each hand glove testing unit (basic 2) can control:
  - the independent inflation of each glove
  - the independent reception of the pressure decay signal from the pressure gauge installed inside the unit
  - the inflate/deflate operation of the flange gasket by pushing a button positioned on the flange
  - test results are available on a system database, through a wireless real-time communication with each glove cover
- a laser printer is available upon request
- the system provides an electronic report at the end of each test.

HOW IT WORKS

The glove testing unit only needs compressed air supply used to blow the glove.
The operator places the testing unit directly on each flange-glove to be tested and easily secure it pushing a button. After inflation the system is then ready to perform the integrity glove test.
Each testing unit works individually.

AIR FILTRATION

The air used to inflate the gloves is filtered by an air intake filter in order to avoid any contamination inside the isolator in case of leakage.

CONTROL SYSTEM AND OPERATOR INTERFACE

The control system is a specifically dedicated Windows based application, already installed on the provided PC.
The following actions are controlled:

- enabling of a glove test cover (Id 1, Id 2, ...)
- test parameters setting
- starting and monitoring of the glove pressure decay test
- inflating
- pressure vs. time monitoring
- test result
- test report printing (with optional printer).

BENEFITS

Easy start up:

- easy testing: wireless system
- easy interface: by dedicated Windows based user friendly software
- automatic glove integrity test up to 20 gloves (configuration upgrade available)
- independent inflation of each glove
- glove leak test in positive pressure (ISO standards)
- test duration: approx 10 min. for each glove
- dedicated on-board micro pump for gasket inflating and adjustment pressure during the first stabilization phase
- data record & traceability.

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COMECER S.p.A. - Via Maestri del Lavoro, 90 - 48014 Castel Bolognese (RA) - Italy
Phone +39 0546656375 Fax +39 0546656353 E-mail: comecer@comecer.com **http://www.comecer.com**