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ASC 7400SGVV

Integrity test for PPE (Personal Protective Equipment) Non destructive leak testing



2 Glove Neoprene GL-V2				25-01-15 10:46:43
Testing... Equipment ready				
<u>Start P (hPa)</u>	<u>Ext. P (hPa)</u>	<u>Int. P (Pa)</u>	<u>Delta P (Pa)</u>	Program parameters
-519	-519	2985	-15	
Bar code Nr 2531297554601				Results
-90 Pa Acceptance Limits 10 Pa				Settings
<u>Step time</u> 8.6 / 15.0 s		<u>Total time</u> 35.4 s		

The **ASC 7400SGVV** is a non destructive leak detection system for PPE products, such as gloves.

Ergonomic and user-friendly programming and operation :

A large high-resolution touch screen provides a clear user interface and allows a quick intuitive understanding of the instrument.

The ASC 7400SGVV is designed to replace the air tightness tests defined by standards. It allows quantification of the level of tightness of gloves by measuring a leak value in a quick and simple manner.

Test cycle description :

- The operator inserts the glove and closes the door
- The cycle starts automatically
- A vacuum is created in the test chamber and stabilised
- The pressure variation inside the glove is measured over a certain period
- The test chamber is returned to atmospheric pressure
- The result is displayed : Green light : Pass, Red light: Fail
- The measured values are available for output in Excel or pdf format.

Benefits of testing with the ASC 7400SGVV

✓ Non destructive test

- Speed: larger sample sizes possible, less time needed for inspection.
- 100% testing possible on sensitive or questionable batches

✓ Certification of measurement with calibrated reference glove

- Validation of measurement, real-time verification of measurement chain;
- Certification of test system, qualification (IQ/OQ/PQ), transposition of standards.

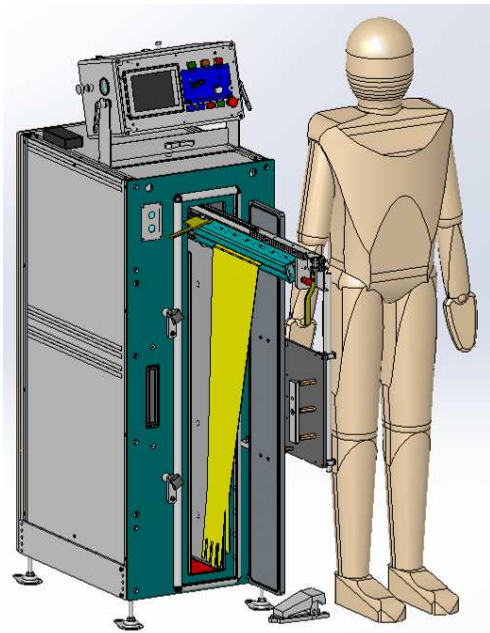
✓ Physical measurement of degree of tightness

- Tightness value can be calibrated.
- Test results are independent of operator influence, alertness, etc..

✓ Implementation assistance by ASC Instrument experts

- FAT, SAT, IQ, OQ, PQ, standards transposition.

Leak detector for gloves ASC 7400SGVV



ASC 7400SGVV with operator

Vacuum based leak testing :

This measurement method is ideal for checking the integrity of PPE such as gloves. The method consists of creating a vacuum in the chamber in which the product is placed, isolating it and measuring the pressure variation in the glove. This variation is directly related to the degree of integrity of the glove.

Standard pressure range: -10 to -60 kPa, to customer specification

Options and accessoires

- USB port (export results in Excel compatible format)
- External unlock (release of cycle on Fail result)
- Barcode scanner
- Label printer
- Filtration kit
- 3-colour status light column
- Purification unit
- Vacuum pump
- Reference gloves (calibrated)
- Fittings, tubing, etc.

Specifications

Dimensions

W x h x d : 495 x 1687 x 656 mm

Weight : 350 kg

Standard chamber (max product size) :
1018 x 125 x 638 mm

Communication

Graphic 5.7" touch screen

Status lights

Power supply

24 V DC/ 5 A (adapter supplied)

Air supply

Clean and dry air, quality to ISO 8573-1

-100 and 600 kPa

Temperature

Operation : +15°C to + 25°C

Storage : 0°C to 60°C



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