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ASC 7400 SGV

Integrity test for flexible containers Non-destructive test method



2 Bag ref X-375 HR/7				25-01-15 10:46:43
Testing... Equipment ready				
Start P (hPa)	Ext. P (hPa)	Int. P (Pa)	Delta P (Pa)	Program parameters
-519	-519	2985	-15	
Bar code Nr 2531297554601				Results
-90 Pa		Acceptance Limits	10 Pa	Settings
Step time		Total time		
8.6 / 15.0 s		35.4 s		

The ASC 7400 SGV is a non-destructive leak detector for flexible containers or pouches for pharmaceutical or medical use.

User-friendliness and ergonomics:

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

The ASC 7400 SGV is designed to replace the destructive tests prescribed by the standards. This test equipment allows quick and easy quantification of the degree of tightness of the product.

Measurement cycle :

- ✈ The operator puts the product in the measurement tray
- ✈ He/she closes the tray, which starts the test
- ✈ The vacuum is installed and stabilised
- ✈ The instrument measures the pressure variation inside the product over a certain period
- ✈ The test chamber is returned to atmospheric pressure
- ✈ The test result is shown: green light: Pass, or red light: Fail
- ✈ The measured values are available for output in Excel or pdf format

Benefits of testing with the ASC 7400SGV

✓ Non-destructive test :

- All tested (and passed) products are saleable
- Cost of scrapping tested products virtually eliminated
- Quick test: sample size or frequency may be improved for better process control
- 100% Test possible on critical or high risk products, quarantined batches

✓ Certification of measurement with calibrated reference product:

- Validation of measurement, real-time verification of measurement chain
- Certification of test bench, qualification (IQ, OQ, PQ)
- Transposition of standards

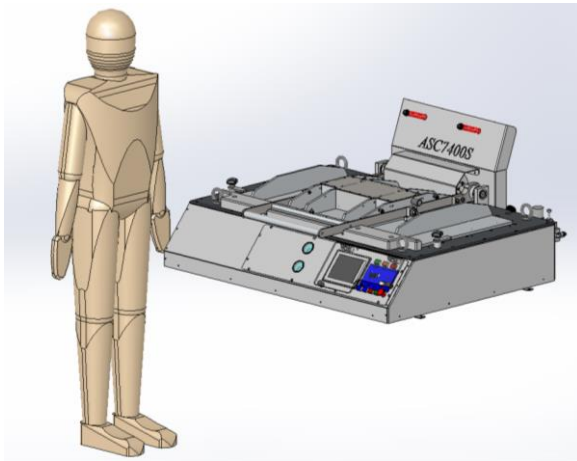
✓ Physical measurement of degree of tightness:

- Tightness value can be calibrated
- Test results are independent of operator influence, alertness, etc.
- SPC (Statistical Process Control) possible

✓ Implementation assistance from ASC Instrument experts:

- FAT, SAT, IQ, OQ, PQ, transposition of standards, training

Integrity tester ASC 7400 SGV



ASC 7400 SGV with operator

Vacuum based leak testing :

This measurement method is ideal for checking the tightness of flexible containers. 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 product. This variation is directly related to the degree of integrity of the product.

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

Options and accessories

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

Specifications

Dimensions

Width : 1286 mm
Height : 569 mm
Depth : 1046 mm
Weight : 250 kg
Standard chamber (largest product) :
1000 x 500 x 100 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

ASC Instrument

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