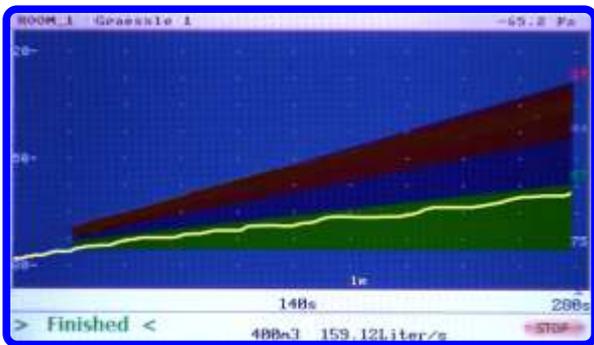


AUTOMATIC ROOM-TESTER

Leak size determination ? Easy job !

Fully automatic leak size determination of CA-storagerooms by the pressure release-method !

UNIQUE FEATURES



- fully automatic measurement procedure
- easy settlement of total leak size in $\text{cm}^2/100 \text{ m}^3$
- fast and accurate presentation of gastightness
- clear indication for ULO or DCA suitability

TIME-SAVING CONCEPT

- portable, plug & play model
- labeled measurement : roomnr. & time stamp
- clear full-colour graphic display
- handy tool for detection leak locality



„This device saves me a lot of time. During measurement I can handle other things.“



The most complete storage-technology for vegetables and fruit !

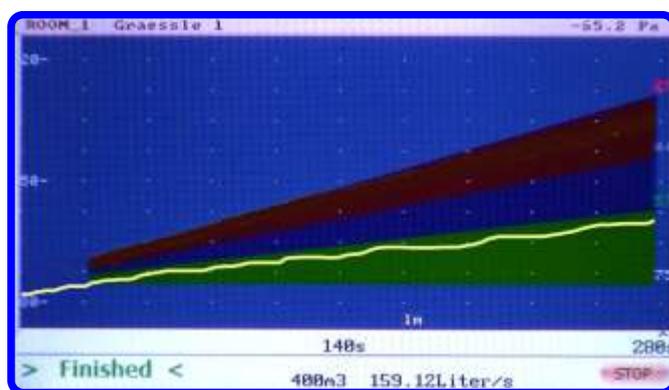
You need more arguments to be convinced ? Contact us at +31 78 673 36 48 !



Total leak size measurement of CA-rooms becomes a easy job !

For a succesfull ULO/DCS storage, CA-rooms need to be sufficient gastight. The measurement of gas tightness is measured with the pressure-release method or the underpressure method where the underpressure is stabilized with a gas-quantity apparatus. The total leak size is expressed in cm²/100 m³ room-volume or in a pressure-drop figure expressed in dPa in function of the time. The measurement of the gas tightness is labor intensive and

needs to be preformed accurate and precisely. A good registration and interpretation of the measurement is of major importance. The AUTOMATIC ROOM-TESTER measures the gas tightness of a CA-room completely automatic. The result of the measurement is displayed in a clear graph which can be easily interpreted. In a glance the operator is informed if the measured gas tightness is sufficient for ULO or DCS/DCA storage or not.



The room-tester consists of a compact hard case equipped with a integrated fan, temperature- and pressure-sensor, a full-colour 4,3 inch touchscreen and flexible tubes with an adapter to connect to the CA-room.

With the magnets on the back of the hard case or the handle, the room-tester can be easily attached near the CA-room connections. The apparatus is then connected with two flexible tubes to the measuringtap and the testingtube (50 mm). During pressure-measurement the temperature is monitored to exclude the influence of temperature-fluctuations.

After entering the room -number and -volume, and threshold-values for ULO and DCS/DCA storage, the room-pressure will be reduced until the pressure reaches the maximum of - 95 Pa. As soon a the desired underpressure is reached, the fan will be switched off and the pressure-drop will be monitored and registered. The result is ,pending measurement, displayed in a graph. Beside the pressure-drop the graph also displays the threshold for DCS/DCA and ULO storage as well as a limit in case a CA-room is too leaky for ULO-storage.

SPECIFICATION ROOM-TESTER

dimensions	50 X 30 X 20 cm (lxbxh)
weight aprox.	12 kg
power-supply	230V / 50-60Hz
display	4,3" , full-colour touchscreen
standard	hard case with magnets + handle
room-connection	misc. adapters available

Storex is a total-supplier of ULO technology. We offer :

- N₂ generators
- CO₂ - scrubbers
- watermeasurement
- lungs / airbuffers and supplies
- gastight-doors
- technology to measure and control