



# NEWSLETTER

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**STOREX**  
CONTROLLED ATMOSPHERE

Storex Highlights at the Fruit Logistica !ST

**FRUIT  
LOGISTICA**

7|8|9 FEBRUAR 2024, BERLIN

## HALL 4.1 A-48

*Visit our stand and get informed about the latest developments of controlled atmosphere technology , new innovative products and state-of-the-art fruitstorage projects*

1. Storex introduces the Multi Gas Analyser MGA .
2. New range of VSA generators.
3. WUR validates Max Fresh at Randwijk postharvest research facility.
4. State-of-the-art CA research at Aarhus University Denmark.
5. CA project with 44 DCA rooms at Gulbudak in Turkey
6. Next generation CA storage ?



## 1. Storex introduces the MGA.



Storex has developed a multi gas analyzer (MGA) to measure up to 5 different gasses. The portable analyzer can work as a stand-alone analyzer but can also be connected with a Storex CMS system to measure and control Storex CA equipment. For CA purposes the analyzer is equipped with O<sub>2</sub>/CO<sub>2</sub> sensors ,ethylene sensor 0-20 ppm (accuracy ca. 0,1 – 0,3 ppm) and ethylene sensor in the range of 0-100 ppm. Due to the innovative electronics, the analyzer can be equipped with other sensors to detect other gasses such as ammonia.

## 2. New range of VSA generators

Discover unparalleled efficiency with Storex's upgraded VSA generators. Experience heightened capacity and reduced energy consumption, a testament to our commitment to cutting-edge technology. Elevate your operations with the power of innovation . Discover our new line of VSA generators for a brighter, more sustainable future. [\(read more\)](#) .

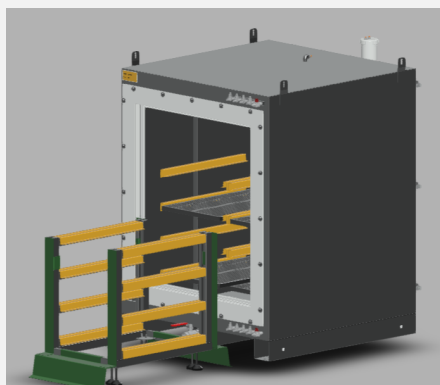
## 3. WUR validates MaxFresh at Randwijk

A team of post-harvest specialists succesfully tested and validated the Max Fresh system ISS2 at Randwijk. Three weeks the system was tested on its handling and installation , functionality such as performance and on its traceability of gasses. The system remains at WUR Randwijk to facilitate their research to monitor fruit rot at Conference pears. [Read more about this PPS project](#) (dutch language).



AARHUS UNIVERSITY

- **Design & construct Research project**
- 24 gastight research containers
- 4x MGA analyzers
- Research data platform
- Advanced measurement and control system



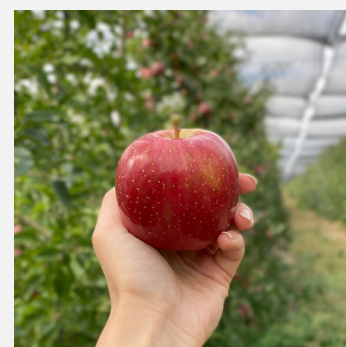
#### 4. State-of-the Art CA Research at Aarhus University in Denmark

In close cooperation with Aarhus University Denmark, Storex succesfully developed and installed a state-of-the Art CA research installation. This installation enables scientists to measure and control gasconcentrations, humidity and temperature with the utmost precision. Accurate detection of volatiles avoiding contamination of unwanted volatiles such as softeners or weakeners is secured by selecting first class parts and components.

*Meet and greet us  
in Berlin at the  
Fruit Logistica  
Hall 4.1 A-48.*

#### 5. CA project with 44 DCA rooms completed at Gülbudak in Turkey

Gülbudak, a visionary apple producer from the picturesque landscapes of Isparta , Turkey. Gülbudak's journey began in 1996, driven by a simple yet ambitious dream to cultivate the finest apples celebrated for their exceptional quality and remarkable shelf life. To achieve this exceptional quality, Storex has installed in cooperation with our agent [Ozgun Sogutma](#) a DCA measurement and control system connected to 44 DCA storage rooms to measure ethanol and CO2 respiration .



**GÜLBUDAK®**

The DCA system allows the storage operator to store apples at the lowest possible oxygen level and prevents damage of the fruit caused by anaerobic fermentation.

#### **Storex bv**

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#### 6. Next generation CA storage ?

New but proven technologies such as the adsorption of light, enables us to measure more revelant gasses (VOC's) which can be related with the quality of fruits and vegetables. Especially the change of a volatile profile can indicate a quality problem , such as decay, aging or anaerobic fermentation. These developments will come into reach the next years to come. Not only measuring these volatiles but also the state of technology of your CA equipment such as the adsorber and nitrogen generator plays a crucial role to achieve exceptional fruitquality . Contact us to obtain our presentation [Next generation CA storage](#) .

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