

# SCANTAINER-2

VENTILATED CABINETS  
FOR YOUR OPEN CAGES



REPRODUCIBILITY OF RESEARCH | IMPROVED WORKING ENVIRONMENT | FLEXIBILITY | COMPLIANCE WITH GUIDELINES FOR HOUSING OF RODENTS ETS-123 APP A

**SCANBUR**   
*Improving Life Sciences*





*Number of shelves and shelf positions are adjustable, ScanTainer-2 allows for housing of a wide range of cage sizes with different types of lids and water bottles*



*Easy animal inspection*



*A good ScanTainer micro climate supports animal welfare*

**SCANTAINER-2 IS A VENTILATED CABINET FOR HOUSING OF RODENTS IN OPEN CAGES. IT IS DESIGNED TO PROVIDE AN OPTIMUM MICRO ENVIRONMENT IN THE CAGES, RESULTING IN IMPROVED ANIMAL WELFARE, BREEDING AND REPRODUCIBILITY OF RESEARCH. ALSO, IT EFFICIENTLY PROTECTS ANIMAL TECHNICIANS AS WELL AS THE ANIMALS FROM UNWANTED EXPOSURE TO DUST, PATHOGENS OR ALLERGENS.**

#### **FULL FLEXIBILITY - A MODULAR SYSTEM FOR EVERY NEED**

ScanTainer-2 is a modular system consisting of 3 main modules

- A cabinet available in a wide range of sizes suitable for various numbers of standard cages with different lengths, widths or heights
- A ventilation unit which ensures accurate ventilation and logging of temperature and relative humidity
- A light kit for changing the circadian rhythm (optional)

#### **A PROVEN AND TRUSTED CONCEPT - MADE EVEN BETTER**

For decades ScanTainer has been a trusted housing system at numerous facilities. ScanTainer-2 is a new generation enhancing flexibility, cleanability, adjustment of ventilation as well as logging of temperature and humidity.

#### **A GOOD MICRO CLIMATE - ESSENTIAL FOR ANIMAL WELFARE**

The European guidelines for accommodation and care for animals used for experimental and other scientific purposes, ETS 123 Appendix A, has formed the basis for the design of ScanTainer-2.

ScanTainer-2 simply supports a good micro climate:

- Social animals can easily smell and hear each other
- No harmful draught at nest level
- Extra layer of protection against noise from the surroundings
- Protection against light from five sides
- Air is filtered for protection against contamination

*A good ScanTainer micro climate supports animal welfare*

## SCANTAINER-2 - BEST IN CLASS WORKING ENVIRONMENT

A solid construction combined with efficient E11 filters and sealings prevent dust, pathogens or allergens from entering or escaping the ScanTainer, thus forming the basis for a best in class working environment.



ScanTainer-2 with optional light kit

## LIGHT KIT

The optional light kit consists of removable red front plates. It can be applied to simulate sunrise, daylight and sundown inside the cabinet using integrated white LEDs. Also, the light kit contains red LEDs, which can be used for inspection purposes during the "night".

## LOGGING OF HUMIDITY, TEMPERATURE AND VENTILATION

Data on ventilation, relative humidity and temperature for any given period of time can be logged by the ScanTainer-2 and copied to a USB stick.

## FULL COMPATIBILITY WITH PREVIOUS GENERATIONS OF SCANTAINER

The ventilation unit for ScanTainer-2 is compatible with previous generations of the ScanTainer and can be ordered separately for an easy upgrade.



Red LED light is applied for easy inspection, when it is "night" and white LED light for simulation of "day" inside the ScanTainer

## USER FRIENDLY CLEANING OF CABINET AND EXHANGE OF FILTERS

Doors can be opened 240° and the ventilation unit can be dismounted without using any tools for easy cleaning. For example in a small rack washer operating at temperatures around 40°C. Large surfaces on the top and the bottom are sloped in order for water to run off during a washing cycle. Filter change at the bottom of the cabinet and inside the ventilation box can easily be done without opening the doors.

## ACCURATE HUMIDITY WITH A SCANCLIME AIR HANDLING UNIT

At some facilities maintaining an accurate relative humidity can be a real challenge and reproducibility of research or breeding performance might be at stake. To solve this problem, a ScanClime air handling unit and a connection kit can substitute the ventilation unit. Thereby, very accurate humidification of air at an accuracy of  $\pm 3\%$  for any set-point between 45 to 65% relative humidity is guaranteed.



ScanTainer-2 connected to ScanClime  
for very accurate control of relative humidity (option)

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