

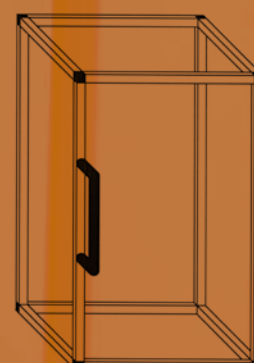
## SICCO Desiccators for drying / storage

SICCO Desiccators are designed for storing or drying humidity sensitive products using silica gel. The tight fitting door protects the contents from contamination from the atmosphere. The controlled environment

inside the desiccators is ideal for storing reference materials, retained samples, metallographic specimen, tobacco and DNA samples.

### Feature Summary

- » Reinforced aluminium frame with acrylic panels
- » Door with magnetic catch and circular rubber seal
- » Non slip rubber feet or four casters (two of the casters with brakes)
- » Easy to read electronic hygrometer
- » Variable height shelves made of acrylic glass, stainless steel or aluminium
- » Telescopic shelves
- » Desiccant tray
- » Star-Desiccators include silica gel



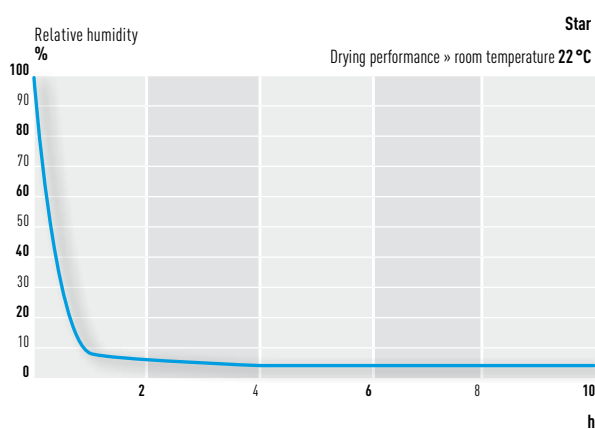
SICCO Desiccators for drying / storage

Performance at a glance.

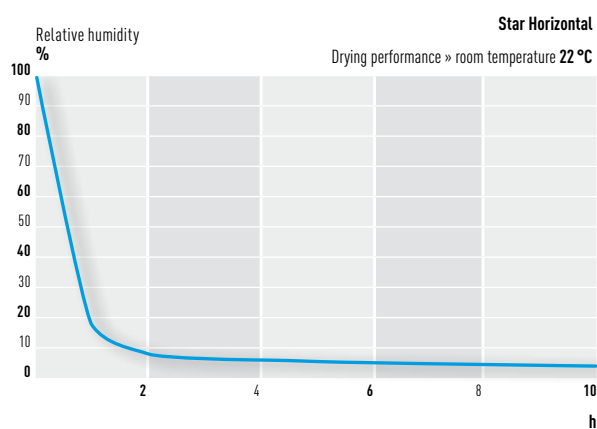
**DRYING PERFORMANCE**

**Test procedure:**

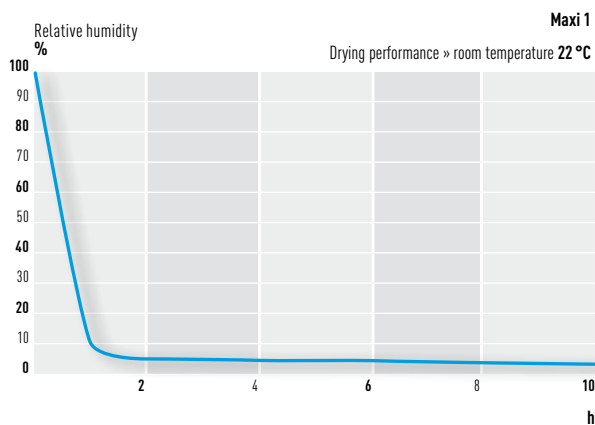
A relative humidity of approx. 100 % is simulated in a desiccator. In the bottom of the desiccator there is a tray with 500 g of silica gel. The door is closed and is airtight. The curves show relative humidity versus time.



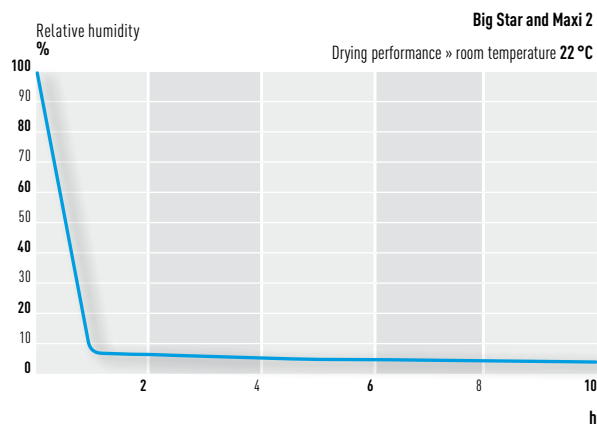
Relative humidity of below 10 % after approx. one hour.



Relative humidity of below 10 % after almost two hours.



Relative humidity of below 10 % after little more than one hour.



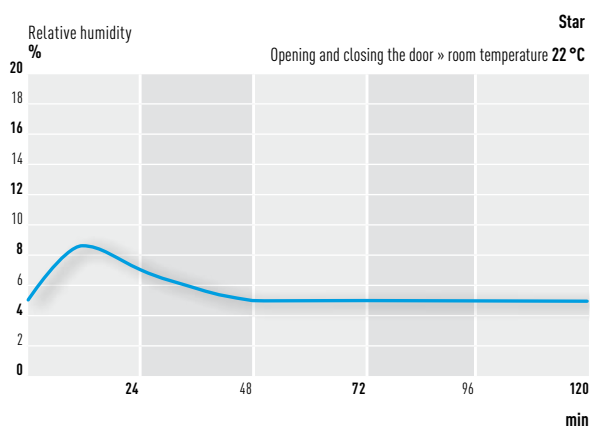
Relative humidity of below 10 % after approx. one hour.

## OPENING AND CLOSING THE DOOR

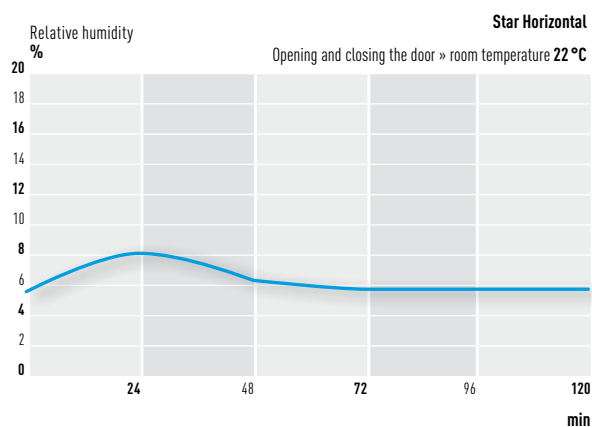
### Test procedure:

A desiccator with three shelves is loaded with approx. 30 beakers. A relative humidity of max. 7% is maintained inside the desiccator. On one shelf and at the bottom of the desiccator there is one tray (350 x 240 mm) with 500 g of silica gel.

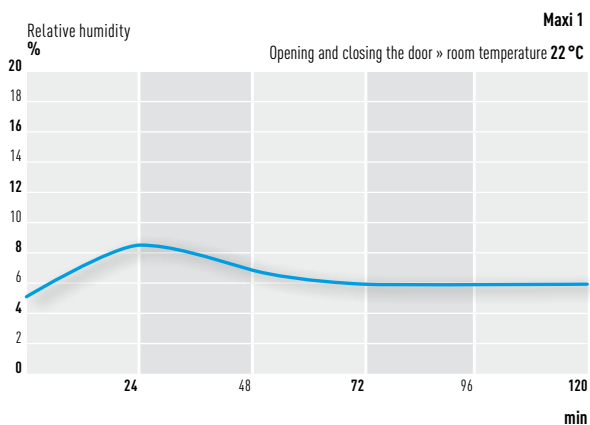
Then the airtight door is opened for 10 seconds and then closed. The curves show the development of humidity.



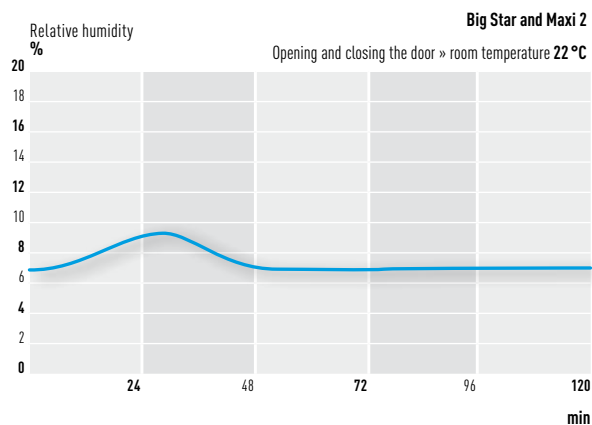
The initial value is attained after approx. 48 minutes.



The initial value is attained after approx. 58 minutes.



The initial value is attained after approx. 72 minutes.



The initial value is attained after approx. 48 minutes.

**SICCO Desiccators for drying / storage**

**SICCO Star-Desiccator**

|         |           |                         |                 |             |
|---------|-----------|-------------------------|-----------------|-------------|
| Panels: | Material: | Temperature resistance: | Use:            | Stand:      |
| clear   | PMMA      | -20 °C to +70 °C        | normal pressure | rubber feet |

**Specification:**

including four shelves made of acrylic glass, tray, hygrometer and desiccant, usable with up to 26 shelves, stackable

|                                              |                  |
|----------------------------------------------|------------------|
| <b>Cat. No.:</b>                             | <b>V 1871-07</b> |
| <b>Overall dimensions*</b><br>W x H x D mm   | 310 x 525 x 375  |
| <b>Usable interior space</b><br>W x H x D mm | 260 x 480 x 330  |
| <b>Usable volume</b><br>liters               | 42               |
| <b>Total volume</b><br>liters                | 45               |
| <b>Weight</b><br>kg/approx.                  | 7                |
| <b>Maximum all-over load per shelf</b><br>kg | 10               |
| <b>Total all-over load</b><br>kg             | 30               |



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**SICCO Star-Vitrum-Desiccator**

|         |                  |                         |                 |             |
|---------|------------------|-------------------------|-----------------|-------------|
| Panels: | Material:        | Temperature resistance: | Use:            | Stand:      |
| clear   | borosilicate 3.3 | -20 °C to +70 °C        | normal pressure | rubber feet |

**Specification:**

panels made of borosilicate glass 3.3, including four shelves made of stainless steel, tray, hygrometer and desiccant, usable with up to 26 shelves, stackable

**NEW**

|                                              |                  |
|----------------------------------------------|------------------|
| <b>Cat. No.:</b>                             | <b>V 1841-07</b> |
| <b>Overall dimensions*</b><br>W x H x D mm   | 310 x 525 x 375  |
| <b>Usable interior space</b><br>W x H x D mm | 260 x 480 x 330  |
| <b>Usable volume</b><br>liters               | 42               |
| <b>Total volume</b><br>liters                | 45               |
| <b>Weight</b><br>kg/approx.                  | 7                |
| <b>Maximum all-over load per shelf</b><br>kg | 10               |
| <b>Total all-over load</b><br>kg             | 30               |

**Applications:**

especially suitable for storing hot materials (max. 300°C), very good resistance compared to most acids and organic substances



**Add. accessories**

Pages 35-38.

\*Overall dimensions are indicated as follows: width including hinge, height starting from base, depth without handle

## SICCO Tower-Star-Desiccator

|                         |                          |                                                    |                                |                              |
|-------------------------|--------------------------|----------------------------------------------------|--------------------------------|------------------------------|
| Panels:<br><b>clear</b> | Material:<br><b>PMMA</b> | Temperature resistance:<br><b>-20 °C to +70 °C</b> | Use:<br><b>normal pressure</b> | Stand:<br><b>rubber feet</b> |
|-------------------------|--------------------------|----------------------------------------------------|--------------------------------|------------------------------|

### Specification:

including four shelves made of acrylic glass, tray, hygrometer and desiccant, usable with up to 38 shelves, stackable

**NEW**

|                                              |                  |
|----------------------------------------------|------------------|
| <b>Cat. No.:</b>                             | <b>V 1938-07</b> |
| <b>Overall dimensions*</b><br>W x H x D mm   | 310 x 735 x 375  |
| <b>Usable interior space</b><br>W x H x D mm | 260 x 690 x 330  |
| <b>Usable volume</b><br>liters               | 60               |
| <b>Total volume</b><br>liters                | 63               |
| <b>Weight</b><br>kg/approx.                  | 8                |
| <b>Maximum all-over load per shelf</b><br>kg | 10               |
| <b>Total all-over load</b><br>kg             | 40               |



## SICCO Star-Desiccator Horizontal

|                         |                          |                                                    |                                |                              |
|-------------------------|--------------------------|----------------------------------------------------|--------------------------------|------------------------------|
| Panels:<br><b>clear</b> | Material:<br><b>PMMA</b> | Temperature resistance:<br><b>-20 °C to +70 °C</b> | Use:<br><b>normal pressure</b> | Stand:<br><b>rubber feet</b> |
|-------------------------|--------------------------|----------------------------------------------------|--------------------------------|------------------------------|

### Specification:

including two shelves made of acrylic glass, tray, hygrometer and desiccant, usable with up to 13 shelves, stackable, door opens forward

|                                              |                  |
|----------------------------------------------|------------------|
| <b>Cat. No.:</b>                             | <b>V 1899-07</b> |
| <b>Overall dimensions*</b><br>W x H x D mm   | 525 x 340 x 375  |
| <b>Usable interior space</b><br>W x H x D mm | 480 x 260 x 330  |
| <b>Usable volume</b><br>liters               | 42               |
| <b>Total volume</b><br>liters                | 45               |
| <b>Weight</b><br>kg/approx.                  | 7                |
| <b>Maximum all-over load per shelf</b><br>kg | 1,5              |
| <b>Total all-over load</b><br>kg             | 30               |

### Applications:

especially suitable for wide products such as A3 sheets or conductor boards.



### Drying properties

Please read our information on pages 8-9.



SICCO Desiccators for drying / storage

**SICCO Maxi 2-Desiccator**

|                         |                          |                                                    |                                |                          |
|-------------------------|--------------------------|----------------------------------------------------|--------------------------------|--------------------------|
| Panels:<br><b>clear</b> | Material:<br><b>PMMA</b> | Temperature resistance:<br><b>-20 °C to +70 °C</b> | Use:<br><b>normal pressure</b> | Stand:<br><b>casters</b> |
|-------------------------|--------------------------|----------------------------------------------------|--------------------------------|--------------------------|

**Specification:**

two compartments, two doors, each compartment usable with up to 17 shelves, standard is two shelves made of stainless steel, one tray and one hygrometer per compartment

|                                              |                                 |
|----------------------------------------------|---------------------------------|
| <b>Cat. No.:</b>                             | <b>V 1853-01</b>                |
| <b>Overall dimensions*</b><br>W x H x D mm   | 560 x 1150 x 580                |
| <b>Usable interior space</b><br>W x H x D mm | 495 x 500 x 540 per compartment |
| <b>Usable volume</b><br>liters               | 140 per compartment             |
| <b>Total volume</b><br>liters                | 150 per compartment             |
| <b>Weight</b><br>kg/approx.                  | 34                              |
| <b>Maximum all-over load per shelf</b><br>kg | 30                              |
| <b>Maximum all-over load</b><br>kg           | 80 per compartment              |
| <b>Total all-over load</b><br>kg             | 160                             |



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**SICCO Maxi 1-Desiccator**

|                         |                          |                                                    |                                |                          |
|-------------------------|--------------------------|----------------------------------------------------|--------------------------------|--------------------------|
| Panels:<br><b>clear</b> | Material:<br><b>PMMA</b> | Temperature resistance:<br><b>-20 °C to +70 °C</b> | Use:<br><b>normal pressure</b> | Stand:<br><b>casters</b> |
|-------------------------|--------------------------|----------------------------------------------------|--------------------------------|--------------------------|

**Specification:**

including four shelves made of stainless steel, tray and hygrometer, usable with up to 34 shelves

|                                              |                  |
|----------------------------------------------|------------------|
| <b>Cat. No.:</b>                             | <b>V 1852-01</b> |
| <b>Overall dimensions*</b><br>W x H x D mm   | 560 x 1150 x 580 |
| <b>Usable interior space</b><br>W x H x D mm | 495 x 1030 x 540 |
| <b>Usable volume</b><br>liters               | 280              |
| <b>Total volume</b><br>liters                | 300              |
| <b>Weight</b><br>kg/approx.                  | 30               |
| <b>Maximum all-over load per shelf</b><br>kg | 30               |
| <b>Total all-over load</b><br>kg             | 160              |



**BESTSELLER**



**Add. accessories**

Pages 35-38.

\*Overall dimensions are indicated as follows: width including hinge, height starting from base, depth without handle

## SICCO Big-Star-Desiccator

|                         |                          |                                                    |                                |                              |
|-------------------------|--------------------------|----------------------------------------------------|--------------------------------|------------------------------|
| Panels:<br><b>clear</b> | Material:<br><b>PMMA</b> | Temperature resistance:<br><b>-20 °C to +70 °C</b> | Use:<br><b>normal pressure</b> | Stand:<br><b>rubber feet</b> |
|-------------------------|--------------------------|----------------------------------------------------|--------------------------------|------------------------------|

### Specification:

including two shelves made of stainless steel, tray and hygrometer, usable with up to 17 shelves, stackable

|                                              |                  |
|----------------------------------------------|------------------|
| <b>Cat. No.:</b>                             | <b>V 1896-07</b> |
| <b>Overall dimensions*</b><br>W x H x D mm   | 560 x 560 x 580  |
| <b>Usable interior space</b><br>W x H x D mm | 495 x 500 x 540  |
| <b>Usable volume</b><br>liters               | 140              |
| <b>Total volume</b><br>liters                | 150              |
| <b>Weight</b><br>kg/approx.                  | 18               |
| <b>Maximum all-over load per shelf</b><br>kg | 30               |
| <b>Total all-over load</b><br>kg             | 80               |



## SICCO Star-Desiccator Protect

|                          |                          |                                                    |                                |                              |
|--------------------------|--------------------------|----------------------------------------------------|--------------------------------|------------------------------|
| Panels:<br><b>orange</b> | Material:<br><b>PMMA</b> | Temperature resistance:<br><b>-20 °C to +70 °C</b> | Use:<br><b>normal pressure</b> | Stand:<br><b>rubber feet</b> |
|--------------------------|--------------------------|----------------------------------------------------|--------------------------------|------------------------------|

### Specification:

including four shelves made of acrylic glass, tray, hygrometer and desiccant, usable with up to 26 shelves, stackable, orange acrylic panels reduce light incidence and protect against ultraviolet radiation

|                                              |                  |
|----------------------------------------------|------------------|
| <b>Cat. No.:</b>                             | <b>V 1879-07</b> |
| <b>Overall dimensions*</b><br>W x H x D mm   | 310 x 525 x 375  |
| <b>Usable interior space</b><br>W x H x D mm | 260 x 480 x 330  |
| <b>Usable volume</b><br>liters               | 42               |
| <b>Total volume</b><br>liters                | 45               |
| <b>Weight</b><br>kg/approx.                  | 7                |
| <b>Maximum all-over load per shelf</b><br>kg | 10               |
| <b>Total all-over load</b><br>kg             | 30               |

### Applications:

especially suitable for the storage of light-sensitive substances



### Drying properties

Please read our information on pages 8-9.

SICCO Desiccators for drying / storage

SICCO Mini-Desiccator

|         |             |                         |                 |
|---------|-------------|-------------------------|-----------------|
| Panels: | Material:   | Temperature resistance: | Use:            |
| clear   | Polystyrene | -35 °C to +70 °C        | normal pressure |

Specification:

three versions (one, two or three compartments), immersible door, including desiccant

|          |                                              |                                 |
|----------|----------------------------------------------|---------------------------------|
| <b>A</b> | <b>Cat. No.: MINI 1:</b>                     | <b>V 1850-01</b>                |
|          | <b>Overall dimensions*</b><br>W x H x D mm   | 235 x 175 x 210                 |
|          | <b>Usable interior space</b><br>W x H x D mm | 210 x 110 x 180                 |
|          | <b>Usable volume</b><br>liters, approx.      | 4,5                             |
|          | <b>Total volume</b><br>liters, approx.       | 4,5                             |
|          | <b>Weight</b><br>kg                          | 0,8                             |
|          | <b>Total all-over load</b><br>kg             | 5                               |
| <b>B</b> | <b>Cat. No.: MINI 2 compartments:</b>        | <b>V 1850-02</b>                |
|          | <b>Overall dimensions*</b><br>W x H x D mm   | 235 x 340 x 210                 |
|          | <b>Usable interior space</b><br>W x H x D mm | 210 x 110 x 180 per compartment |
|          | <b>Usable volume</b><br>liters, approx.      | 4,5 per compartment             |
|          | <b>Total volume</b><br>liters, approx.       | 4,5 per compartment             |
|          | <b>Weight</b><br>kg                          | 1,6                             |
|          | <b>Total all-over load</b><br>kg             | 5                               |
| <b>C</b> | <b>Cat. No.: MINI 3 compartments:</b>        | <b>V 1850-03</b>                |
|          | <b>Overall dimensions*</b><br>W x H x D mm   | 235 x 505 x 210                 |
|          | <b>Usable interior space</b><br>W x H x D mm | 210 x 110 x 180 per compartment |
|          | <b>Usable volume</b><br>liters, approx.      | 4,5 per compartment             |
|          | <b>Total volume</b><br>liters, approx.       | 4,5 per compartment             |
|          | <b>Weight</b><br>kg                          | 2,5                             |
|          | <b>Total all-over load</b><br>kg             | 5                               |

Applications:

ideal for small parts, very handy



**BESTSELLER**



**Add. accessories**

Pages 35-38.

\*Overall dimensions are indicated as follows: width including hinge, height starting from base, depth without handle



## SICCO Mini Mobile Desiccator

|         |             |                         |                 |
|---------|-------------|-------------------------|-----------------|
| Panels: | Material:   | Temperature resistance: | Use:            |
| clear   | Polystyrene | -35 °C to +70 °C        | normal pressure |

### Specification:

with practical handle, one compartment, including desiccant

**NEW**

|                                              |                  |
|----------------------------------------------|------------------|
| <b>Cat.No.:</b>                              | <b>V 1848-06</b> |
| <b>Overall dimensions*</b><br>W x H x D mm   | 235 x 175 x 210  |
| <b>Usable interior space</b><br>W x H x D mm | 210 x 110 x 180  |
| <b>Usable volume</b><br>liters, approx.      | 4,5              |
| <b>Total volume</b><br>liters, approx.       | 4,5              |
| <b>Weight</b><br>kg                          | 0,9              |
| <b>Total all-over load</b><br>kg             | 5                |

### Applications:

for safe transport of small items



## SICCO Unix-Desiccator

|         |           |                         |                 |
|---------|-----------|-------------------------|-----------------|
| Panels: | Material: | Temperature resistance: | Use:            |
| tinted  | PS        | -35 °C to +70 °C        | normal pressure |

### Specification:

attachable in height and width, including two removable shelves and desiccant, usable with up to nine shelves, door closes by latching (one-touch-door)

|                                              |                  |
|----------------------------------------------|------------------|
| <b>Cat.No.:</b>                              | <b>V 1856-01</b> |
| <b>Overall dimensions*</b><br>W x H x D mm   | 250 x 250 x 180  |
| <b>Usable interior space</b><br>W x H x D mm | 225 x 215 x 160  |
| <b>Usable volume</b><br>liters, approx.      | 8,5              |
| <b>Total volume</b><br>liters, approx.       | 9                |
| <b>Weight</b><br>kg                          | 1,7              |
| <b>Maximum all-over load per shelf</b><br>kg | 3                |
| <b>Total all-over load</b><br>kg             | 9                |



### Drying properties

Please read our information on pages 8-9.

