Drying Cabinets and Desiccators



SICCO Product Guide

Highlights & News



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NEW



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A BRAND OF BOHLENDER

NEW

Intelligent Humidity Control – Fully Automatic

Our Control Desiccators use an innovative method to permanently maintain relative humidity at a setpoint between 15% and 95%. The automatic control unit withdraws moisture from the interior or adds it if needed.





And This Is How It Works:

Special desiccant beads (silica gel) absorb moisture from the interior and release it to the ambient air.

Alternatively, the beads can also be used to release moisture from the ambient air into the interior.

This continuous process is efficiently supported by a built-in fan and the targeted heating of the drying beads.

The Compact Control Unit on the back is the heart of the system and regulates the entire humidity process fully automatically.





The Touch Display – Everything at a Glance

The digital display is your command center. Here, you can easily set the desired target value (from 15% to 95% RH). You can see the current actual value and temperature at a glance at any time, allowing you to immediately recognize the operating status.

Three Sizes. One Principle.

All three models operate according to the same control principle but are designed for different sizes and requirements. They consist of a stable aluminum frame with clear panels made of PMMA (acrylic glass). The desiccators are designed for normal pressure and are temperature-resistant from -20 °C to +70 °C. (230 V / 50 Hz required).

The Models at a Glance:







Article	Control Star Desiccator (1)	Control Big Star Desiccator (2)	Control Maxi 2 Desiccator (3)
Article No.:	**V 1677-07**	**V 1679-07**	**V 1682-07**
External Dimensions* W x H x D mm	310 x 525 x 375	560 x 560 x 580	560 x 1150 x 580
Control Unit Overhang mm	60 rear	60 rear	60 rear
Usable Interior Space W x H x D mm	260 x 480 x 330	495 x 500 x 540	495 x 500 x 540 per chamber
Internal Volume Liters	50 / usable 40	153 / usable 127	153 / usable 127 per chamber
Weight kg, approx.	7,3	23	36
Max. Load per Shelf / Total Load kg,	10 / 30	30 / 80	30 / 80 per chamber
Usable Area per Shelf mm	245 x 320	479 x 515	479 x 515
Minimum Shelf Spacing mm	11,5	39	39
Additional Shelves incl. guide rails	V 1860-68	V 1860-03	V 1860-03
****recomm. price Euro**	3.306,50 €	4.915,40 €	7.949,38 €

*External dimensions are frame dimensions without attached parts, measured from base.

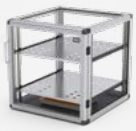
The Control Benefits:

- Dehumidification & humidification with just one device.
- Precise setting of relative humidity from 15% to 95%.
- No external water supply or emptying required.
- Fully automatic control thanks to the control unit.

*** Recommended prices valid until 31.12.2026. Subject to change.*

SICCO Desiccators
for Drying and Storage

SICCO **Star-Desiccators**

Article	Star	Horizontal-Star	Big-Star	Tower-Star	Maxi 1-Desiccator	Maxi 2-Desiccator
						
Article No.:	**V 1871-07**	**V 1899-07**	**V 1896-07**	**V 1938-07**	**V 1852-01**	**V 1853-01**
Panels	transparent	transparent	transparent	transparent	transparent	transparent
Specification	4 shelves (max. 26 shelves)	wide format; door opens forward; 2 shelves (max. 13 shelves)	2 shelves (max. 8 pieces)	high format; door opens forwad; 4 shelves (max. 38 shelves)	one door; 4 shelves (max. 17 shelves)	two doors; 4 shelves (max. 8 shelves per chamber)
Use	normal pressure	normal pressure	normal pressure	normal pressure	normal pressure	normal pressure
Temperature resistance °C	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70
External Dimensions* W x H x D in mm	310 x 525 x 375	525 x 340 x 375	560 x 560 x 580	310 x 735 x 375	560 x 1150 x 580	560 x 1150 x 580
Usable Interior Space W x H x D in mm	260 x 480 x 330	480 x 260 x 330	495 x 500 x 540	260 x 690 x 330	495 x 1030 x 540	495 x 500 x 540 per chamber
Internal Volume Liters, ca.	50 / usable 40	50 / usable 40	153 / usable 127	71 / usable 56	293 / usable 260	153 / usable 127 per chamber
Weight kg, approx..	7	7	18	8	30	34
Max. Load per Shelf / Total Load kg,	30	30	80	40	160	80 per chamber
Base	rubber feet, stackable	rubber feet, stackable	rubber feet, stackable	rubber feet, stackable	casters; 2 of them with brakes	casters; 2 of them with brakes
Silica Gel included	yes	yes	no	no	no	no
****recomm. price Euro**	937,08 €	1.199,37 €	2.132,86 €	1.496,92 €	3.490,05 €	4.489,51 €

*External dimensions are frame dimensions without attached parts, measured from base.



Electronic **Hygrometer**

Air Humidity and Temperature Always at a Glance

Pull-Out and **Height-Adjustable Shelves**

Easily Accessible and Space-Saving Storage

Door with **Handle**

Secure Lock Due to Magnetic Strip

Circumferential **Rubber Seal**

Prevents the Ingress of Humidity

Reinforced **Aluminum Frame**

Durable and Visually Appealing

Panes of Acrylic and **Borosilicate Glass**

Transparent All Around

Tray for **Desiccant**

Also to Be Used for Oven Regeneration

Non-Slip **Rubber Feet**

For a Secure Stand

*** Recommended prices valid until 31.12.2026. Subject to change.*

SICCO **Desiccators Protect**

Article	Star	Big-Star
Article No.:	**V 1879-07**	**V 1926-07**
Panels	orange	orange
Material	PMMA	PMMA
Temperature resistance °C	-20 °C to +70 °C	-20 °C to +70 °C
Use	normal pressure	normal pressure
Base	rubber feet	rubber feet
External Dimensions* W x H x D mm	310 x 525 x 375	560 x 560 x 580
Usable Interior Space W x H x D mm	260 x 480 x 330	495 x 500 x 540
Internal Volume Liters	50 / usable 40	153 / usable 127
Weight kg, approx.	7	18
Max. Load per Shelf / Total Load kg	10 / 30	30 / 80
Usable Area per Shelf mm	245 x 320	479 x 515
Minimum Shelf Spacing mm	11,5	39
Additional Shelves incl. guide rail	V 1860-68	V 1860-03
****recomm. price Euro**	**1.250,58 €**	**2.304,37 €**

*External dimensions are frame dimensions without attached parts, measured from base.

SICCO **Desiccators Black**

Article	Star	Big-Star
Article No.:	**V1891-07**	**V1939-07**
Panels	black	black
Material	PMMA	PMMA
Temperature resistance °C	-20 °C to +70 °C	-20 °C to +70 °C
Use	normal pressure	normal pressure
Base	rubber feet	rubber feet
External Dimensions* W x H x D mm	310 x 525 x 375	560 x 560 x 580
Usable Interior Space W x H x D mm	260 x 480 x 330	495 x 500 x 540
Internal Volume Liters	50 / usable 40	153 / usable 127
Weight kg, approx.	7	18
Max. Load per Shelf / Total Load kg	10 / 30	30 / 80
Usable Area per Shelf mm	245 x 320	479 x 515
Minimum Shelf Spacing mm	11,5	39
Additional Shelves incl. guide rail	V 1860-68	V 1860-03
****recomm. price Euro**	**1.174,86 €**	**2.308,43 €**

*External dimensions are frame dimensions without attached parts, measured from base.

More options
on our website



SICCO
Protect Desiccators
for Photosensitive Products

- Orange-colored panels reduce light incidence
- Especially for the storage of photosensitive substances

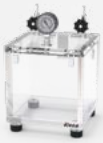
SICCO
Black Desiccators
for Light-Protected Storage

- Black, absolutely opaque panels
- For storage under exclusion of light and UV radiation

*** Recommended prices valid until 31.12.2026. Subject to change.*

SICCO **Vakuum-Desiccators**

Panels:	Material:	TTemperature Resistance:	Use:	Base:
Crystal clear	**PMMA**	**-20 °C to +70 °C**	**Vacuum to 0.2 mbar**	**Rubber feet**

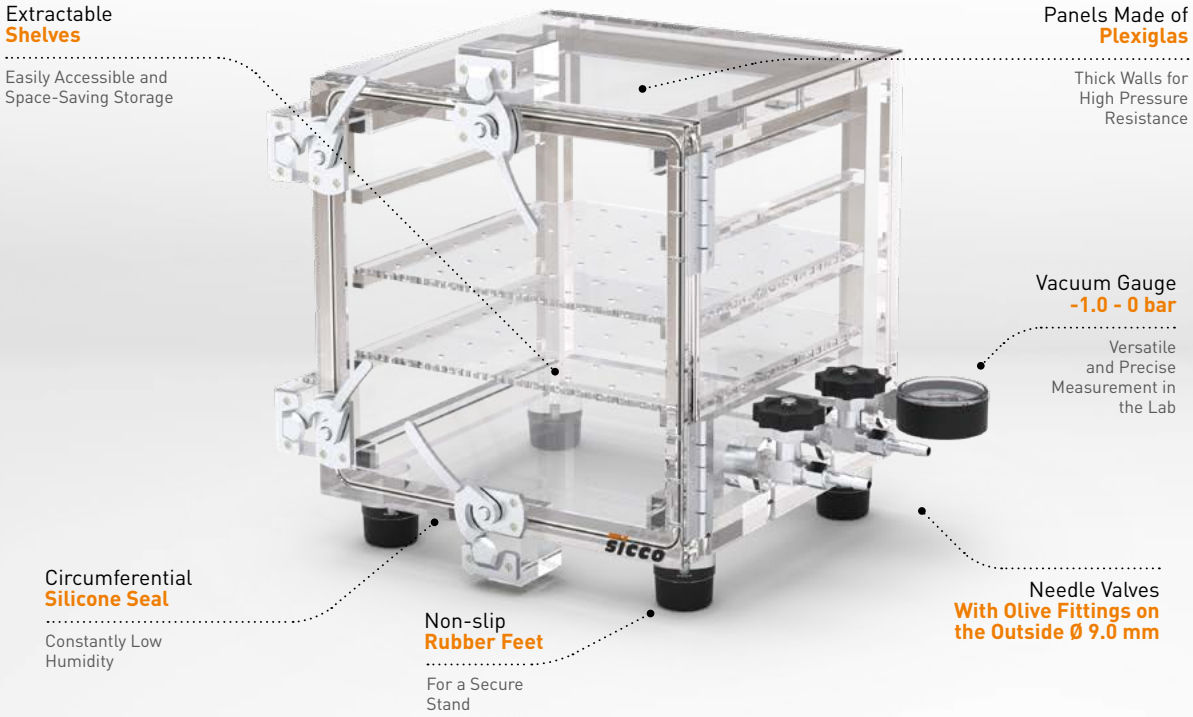
Article	Vakuum 1	Vakuum 2	Vakuum 3	Vakuum Toplader
	BEST SELLER 			
Article No.:	**V 1880-04**	**V 1880-08**	**V 1880-12**	**V 1882-02**
External Dimensions* W x H x D mm	300 x 340 x 300	300 x 440 x 300	315 x 550 x 310	250 x 250 x 250
Overhang of Valves + Vacuum Gauge mm	100	100	100	
Usable Interior Space W x H x D mm	260 x 260 x 260	260 x 360 x 260	265 x 460 x 260	210 x 210 x 210
Internal Volume Liters	18	25	32	9
Weight kg, approx.	15	18	27	9
Max. Load per Shelf / Total Load kg,	9 / 30	9 / 40	9 / 50	30
Usable Area per Shelf mm	260 x 230	260 x 230	260 x 230	210 x 210
Minimum Shelf Spacing mm	60	60	55	
Optional Shelves	V 1860-30	V 1860-30	V 1860-30	
****recomm. price Euro**	**5.802,00 €**	**6.491,02 €**	**7.895,33 €**	**4.203,97 €**

*External dimensions are frame dimensions without attached parts, measured from base.

Caution, Proper Venting!

A common mistake is to retighten the latches after evacuation to seemingly seal them perfectly. However, when venting the desiccator, it is essential to ensure that the levers are returned to their original position before venting, as they can break under pressure.

Technical Data	Vacuum Gauge
Version	EN 837-1
Nominal Size mm	63
Accuracy	Class 2,5 (±2,5 %)
Display Range in bar	-1,0 to 0
Scale Division	0,05



*** Recommended prices valid until 31.12.2026. Subject to change.*

In-House Production
for First-Class Quality

Whoever wants reliable results needs error-free equipment. We meet this requirement. Beginning with the in-house production of assemblies to the production of the final product, we ensure highest quality standards across all process steps. All our products are designed by our specialists, tried and tested again and again and optimised down to the last detail. Only when you are satisfied, we produce in series. We are flexible and close to practice. This is why we offer such an extensive portfolio, dispose of a well-equipped store and develop quickly new strong products, modifications and custom-made products, if required.



Flexible Production with Modern Machine Park

Thanks to our diverse and modern milling machines we are able to produce our profile parts immediately, what offers maximum flexibility.



Bed Milling Machine

The bed milling machine is used for the production of corner profiles and shows its strength especially for custom-made products. Only minimal programming interventions are required to implement your individual requirements.



Exact Cuts for Your Custom-Made Production

With our modern circular saw we do not only increase our productivity, but also ensure highest precision, particularly for exact cuts of acrylic glass panes.

SICCO Glove Boxes

Our SICCO Glove Boxes are the ideal solution for environments where sensitive or hazardous substance mixtures must be handled or processed. The outstanding advantage is the large working space door, which allows all necessary equipment such as scales, syringes, pipettes, and more to be easily brought in and installed before starting work. This user-friendly functionality significantly facilitates the workflow and optimizes efficiency in demanding application areas.



Glove Boxes

With a frame made of aluminum profiles and corner connectors made of glass-fiber reinforced plastic, SICCO Glove Boxes are particularly stable – ideal for a long service life.





SICCO Glove Box

Panels:	Material:	Temperature Resistance:	Use:	Base:
Clear	**PMMA**	**-20 °C to +70 °C**	**Normal Pressure**	**Rubber feet**

Product Description:

Aluminum frame with acrylic glass panes, polyethylene base. The front side features two access ports and one pair of size 9 natural rubber gloves, plus two leads-in on the rear side (top right / top left). The working area includes two hose connections for gassing and ventilation as well as matching hoses (1 x 5 m PVC gassing hose and 1 x 5 m PE ventilation hose).

Article No.:	**V 1984-08**
External Dimensions* W x H x D mm	890 x 690 x 590
Usable Interior Space W x H x D mm	850 x 650 x 550
Internal Volume Liters	287
Weight kg, approx.	14
Max. Load, evenly distributed kg,	40
Port Opening mm	Ø 188
Center Distance for Port Openings mm	390
Hinged Lid Opening W x H mm	850 x 430
Gassing Connection – Diameter mm	Ø 9
Panel Bores mm	Ø 74,5
****recomm. price Euro**	3.951,71 €

*External dimensions are frame dimensions without attached parts, measured from base.



*** Recommended prices valid until 31.12.2026. Subject to change.*

SICCO **Glove Box with Transfer Chamber**

Panels:	Material:	Temperature Resistance:	Use:	Base:
Clear	**PMMA**	**-20 °C to +70 °C**	**Normal Pressure**	**Rubber feet**

BEST SELLER

Product Description:

Aluminum frame with acrylic glass panes, polyethylene base. The front side features two access ports and one pair of size 9 natural rubber gloves, plus two leads-in on the rear side (top right / top left).The transfer chamber features two doors, with the outer door having a latch to prevent accidental opening. The tray protrudes into the working area when the door is opened for easy removal of introduced products. The working area and transfer chamber each include two hose connections for gassing and ventilation as well as matching hoses (2 x 5 m PVC gassing hose and 2 x 5 m PE ventilation hose).









Article No.:	**V 1982-08**
Overall External Dimensions* W x H x D mm	1180 x 690 x 590
Usable Interior Space W x H x D mm	850 x 650 x 550
Internal Volume Liters	290
Total Weight kg, approx.	20
Max. Load, evenly distributed kg,	40
Port Opening mm	Ø 188
Center Distance for Port Openings mm	390
Hinged Lid Opening W x H mm	850 x 430
Gassing Connection – Diameter mm	Ø 9
Panel Bores mm	Ø 74,5
****recomm. price Euro**	**5.649,99 €**

Details Transfer Chamber:	
External Dimensions* W x H x D mm	290 x 325 x 260
Usable Interior Space W x H x D mm	250 x 270 x 220
Internal Volume Liters, approx.	24
Max. Usable Height mm	270 » 1000 ml laboratory bottle with GL 45 thread
Max. Usable Width mm	250
Total Load, evenly distributed kg	3

*External dimensions are frame dimensions without attached parts, measured from base.

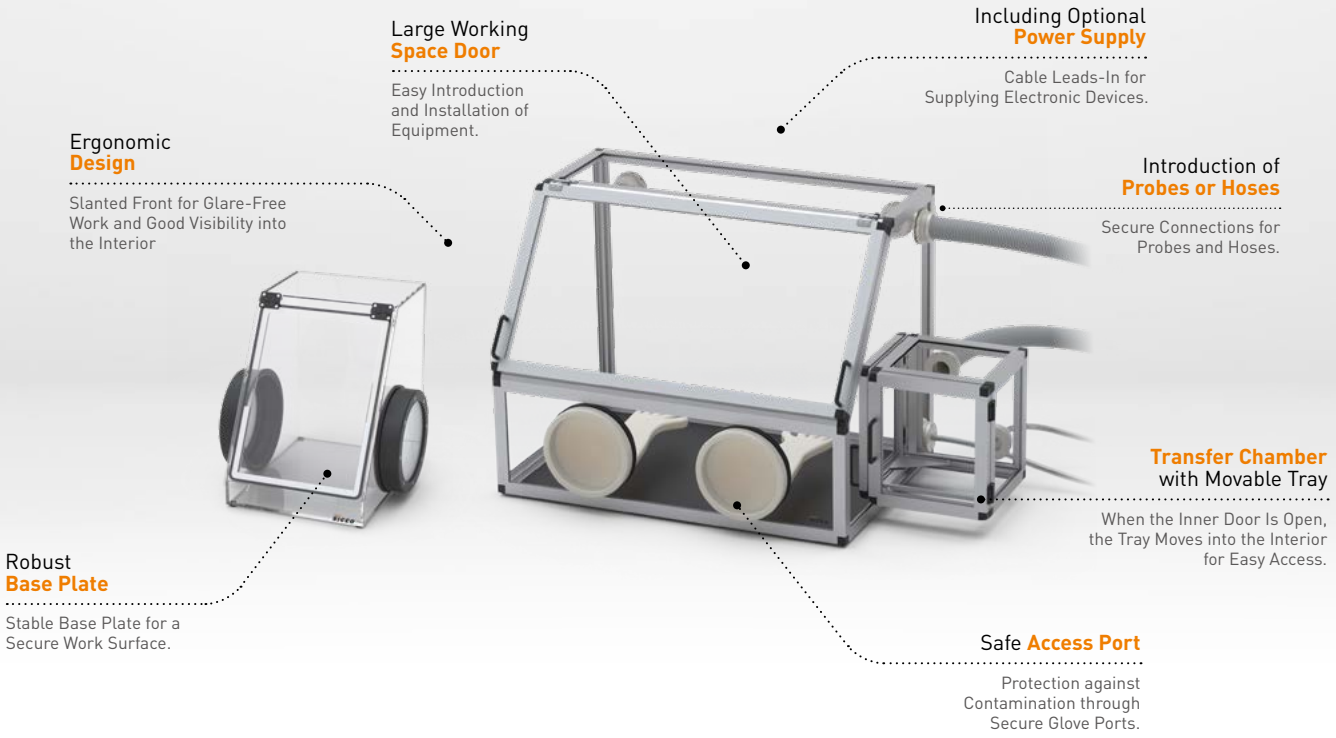


SICCO Cable Leads-In

Take advantage of our innovative solution: With the cable leads-in specially developed by SICCO for glove boxes, you can now operate electronic devices safely and reliably inside the glove box.

*** Recommended prices valid until 31.12.2026. Subject to change.*

SICCO Glove Boxes offer safe handling of sensitive material mixtures in an isolated atmosphere. Robust natural rubber gloves ensure mobility and secure handling. Gassing ports enable work in an atmosphere blanketed with nitrogen or inert gas. The transfer chamber allows for convenient loading of the glove box.



SICCO Mini Glove Box

Panels:	Material:	Temperature Resistance:	Use:	Base:
Clear	**PMMA**	**-20 °C to +70 °C**	**Normal Pressure**	**Rubber feet**

BEST SELLER

Product Description:

Acrylic glass panes and base, with access ports laterally featuring iris ports (1x right, 1x left).

Article No.:	**V 1705-08**
Overall External Dimensions* W x H x D mm	300 x 400 x 400
Usable Interior Space W x H x D mm	290 x 390 x 390
Internal Volume Liters	33
Total Weight kg, approx.	5,7
Total load, evenly distributed kg	10
Port Opening mm	Ø 170
****recomm. price Euro**	1.834,62 €

Applications:

For the easy handling of small product quantities in an enclosed working space. Easily transportable due to low net weight. The iris ports can be easily replaced with gloves for access ports with a Ø 190 mm diameter for a tight seal.

*External dimensions are frame dimensions without attached parts, measured from base.



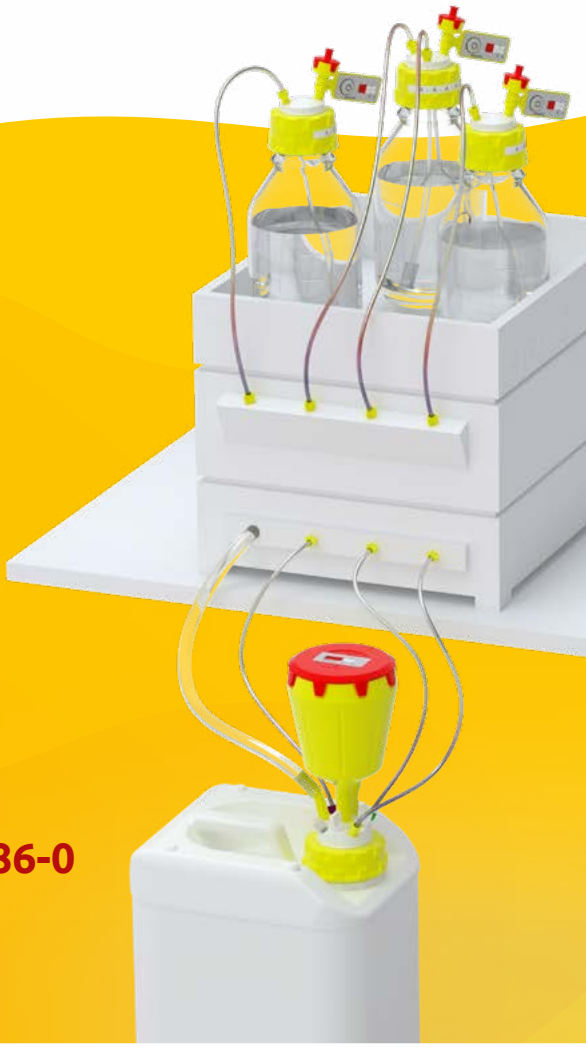




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SICCO Iris Ports

For quick access to the working space and for applications that do not require a protective gas atmosphere in the glove box, SICCO Iris Ports are a real alternative to mounted work gloves. The entries consist of a sturdy polyethylene ring in which two cross-slotted silicone discs are mounted. The silicone discs overlap for easy access and minimized air exchange when not in use.

The Assembly of the Iris Ports

First, the gloves are pulled off the retaining ring. Then you place the white silicone ring into the groove of the port opening. Finally, the Iris Port is attached by simultaneously turning and pressing.





Advantage

You have direct access to the working space without the tedious process of putting on and taking off the work gloves.



SICCO Closing Lid

Without mounted work gloves or Iris Ports, the port openings of the SICCO glove box remain open, which can lead to potential contamination in the working space or the escape of hazardous dusts and particles. The SICCO closing lid offers a simple solution: it is screwed over the openings and secured with a silicone cord, but without providing a gas-tight seal.





Advantage

Simple assembly to avoid contamination of the working space and the surroundings.





The Assembly of the Closing Lids

The assembly of the closing lid is simple: First, remove the Iris Ports. The silicone ring can remain in place. Then, you attach the closing lid by turning and pressing.

SICCO Suitable Accessories and Spare Parts

Accessories for drying / all Star / Big Star and Maxi Desiccators

Item Description:	Material / Properties:	Weight:	Suitable for Desiccators:	Article No.:	*recomm. price Euro
Silica Gel with color indicator from orange to dark brown to black, regenerable (does not contain cobalt-II-chloride)	Grit 2.0-5.0 mm, Loss on drying <= 4 %	360 g 720 g	all Star, Big Star, Maxi Desiccators	V 1895-04 V 1895-08	31,78 € 50,35 €
Silica Gel with color indicator from orange to dark brown to black, regenerable (does not contain cobalt-II-chloride)	Grit 2.0-5.0 mm, Loss on drying <= 4 %	8.000 g	all Star, Big Star, Maxi Desiccators	V 1895-12	252,28 €



SICCO Shelves for Desiccators

Item Description:	W x H x D mm:	Material / Properties:	Weight incl. Rails:	Volume / Max. Load:	Suitable for Desiccators:	Article No.:	*recomm. price Euro
Shelf incl. 2 guide rails	258 x 4 x 320	Polycarbonate, transparent; guide rails made of Polyamide	approx. 420 g	10 kg	Star - V 1871-07 Protect Star - V 1879-07 Black-Star - V 1891-07	V 1860-68	31,45 €
Shelf	258 x 5,0 x 250	PMMA, transparent	approx. 380 g	9 kg	All Vacuum Desiccators	V 1860-30	114,12 €
Shelf with 36 bores Ø 20 mm incl. 2 guide rails	495 x 0,8 x 515	Stainless steel, guide rails made of Polyamide	approx. 1.800 g	30 kg	Big-Star - V 1896-07 Maxi 1 - V 1852-01 Maxi 2 - V 1853-01 Big-Star Protect - V 1926-07 Big-Star Black - V 1939-07	V 1860-03	238,96 €



SICCO Accessories for Glove Boxes

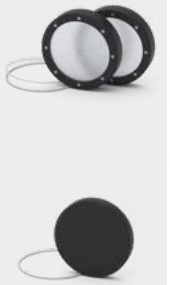
Item Description:	Size:	Material / Properties:	Weight:	Suitable for:	Article No.:	*recomm. price Euro
Protective Tray	Capacity: 10 Liters at approx. 20 mm height	Stainless steel welded, as additional protection for the floor in the working space of the glove box	3500 g	Glove Boxes	V 1971-07	337,47 €
Gloves made of natural rubber, ambidextrous, tensile-, perforation- and abrasion-resistant, high flexibility, low tension value, low static charge	Size 7 Size 8 Size 9 suitable for openings of Ø 188 mm, Length 780 mm			All Glove Boxes	V 1972-07 V 1972-08 V 1972-09	469,57 € 469,57 € 666,49 €
Gloves made of EPDM conductive black, ambidextrous, tensile-, perforation- and abrasion-resistant, high flexibility, low tension value, electrically conductive 105 Ohm	Suitable for Openings of: Ø 188 mm Length: 800 mm Size 9.75			All Glove Boxes	V 1974-09	1.184,80 €



** Recommended prices valid until 31.12.2026. Subject to change.*

SICCO Accessories for **Glove Boxes**

Item Description:	H x Ø mm:	Scope of Delivery:	Material/ Special Feature:	Weight:	Article No.:	*recomm. price Euro
Iris Ports with cord seal and slotted discs made of silicone. The cross-shaped slits of the two silicone discs are mounted offset, so that the interior is easily accessible. At the same time, the port is largely sealed by the overlapping segments when not in use. Iris Ports can be mounted on any SICCO glove box instead of the gloves. Scope of delivery 1 pair.	40 x Ø 215	1 Paar	Polyethylen, Silikon	385 g	V 1976-07	744,96 €
Closing Lid for Port Opening Protection against contamination (e.g. dust particles in the ambient air) by simply placing it on the port opening of your SICCO glove box. The included seal only ensures the secure hold of the lid on the port opening; the seal is not gas-tight.	H 30 x Ø 215	1 closing lid and 1 cord seal	Polyethylene, silicone	195 g	V 1790-07	190,25 €



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sicco
Drying cabinets and desiccators

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NEW



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