



Desiccators and Drying Cabinets



SICCO Product Guide

Highlights & News



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The management of Bohlender GmbH at the Grünsfeld production facility. Pictured (from left): Managing Director Volker Bohlender and Authorized Signatory Silas Bohlender.



Bohlender Crosses the Atlantic - New Sister Company Launches in the USA

The family-owned company BOHLENDER GmbH, founded in 1959 and currently transitioning to the third generation, continues its international growth strategy: With the foundation of BOHLENDER AMERICAS INC. in Alexandria, Virginia (USA) the company strengthens its presence in North and South America.

„With our new subsidiary we will be directly on site - nearer to our customers and partners in the American markets” says CEO Volker Bohlender. This provides the basis for offering our products and solutions with greater precision and paves the way for further expansion in these regions.

For decades BOHLENDER has been an integral part in the economic landscape in the MAIN-TAUBER district and is reknown for its high-quality laboratory products made of high-performance plastics. The foundation of the US subsidiary is a response to the growing demand from North and South America and focuses on sustainable expansion.

„While many companies are currently viewing the US market with caution, we see this step as a long-term commitment rather than a short-term venture,” says Silas Bohlender. „Our goal is to capitalize on opportunities with the measured approach, quality, and reliability that define the BOHLENDER brand.”

Our international ambition is reflected in the founding of BOHLENDER AMERICAS INC. and at the same time demonstrates that strong roots in our home region and global presence can go hand in hand.

BOHLENDER

Three Strong Brands for Your Safety.

With the three brands BOLA, SICCO and b.safe BOHLENDER develops, designs and manufactures high-quality laboratory products made of high-performance plastics - ranging from stirrer shafts to desiccators and safety solutions for HPLC.

b.safe

Safety Solutions for
HPLC.

bsafe.de/en



sicco

Drying Cabinets
Desiccators
Glove Boxes

sicco.de/en



b.safe SYSTEM

System Solutions for Safe
Solvent Waste Disposal

bsafe.de/en/system



BOLA

Professional Laboratory
Solutions
PTFE | PFA | FEP

bola.de/en



SICCO Desiccators for Drying and Storage

The application areas for our SICCO desiccators and drying cabinets extend across a wide range of industries. In various dimensions, they offer maximum flexibility and functionality to cover the entire spectrum of protected storage and drying. Immerse yourself in the great variety of possibilities and discover the custom-made solutions for your specific requirements.



Adjustable and Extendable Shelves

Depending on the model, the shelves of our desiccators are made of polycarbonate, stainless steel, or aluminum. For flexible use, the shelf insertion height is freely selectable. The wide-extending shelves can also be safely operated with one hand due to their late tipping moment.



Stackable Desiccators

Our desiccators not only provide a non-slip grip but are also modularly expandable. They can be easily connected to one another using fastening clamps.



SICCO Star Desiccator

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



Product Description:

Aluminum frame with acrylic glass panels, includes four polycarbonate intermediate shelves, a tray, a hygrometer, and a desiccant. Can be equipped with up to 26 shelves, stackable.

Article No.: / *recomm. price Euro	V 1871-07 / 937,08
External Dimensions* W x H x D mm	310 x 525 x 375
Usable Interior Space W x H x D mm	260 x 480 x 330
Internal Volume Liters	51
Weight kg	7
Max. Load per Shelf / Total Load kg	10 / 30
Usable Area per Shelf mm	245 x 320
Minimum Shelf Spacing mm	11,5
Additional Shelves incl. guide rail	V 1860-68

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

More Accessories

can be found starting on Page 13.



* Recommended prices valid until 31.12.2026

Electronic Hygrometer

Air Humidity and Temperature Always at a Glance

Reinforced Aluminum Frame

Durable and Visually Appealing

Pull-Out and Height-Adjustable Shelves

Easily Accessible and Space-Saving Storage

Panels of Acrylic and Borosilicate Glass

Transparent All Around

Door with Handle

Secure Lock Due to Magnetic Strip

Tray for Desiccant

Also to Be Used for Oven Regeneration

Circumferential Rubber Seal

Prevents the Ingress of Humidity


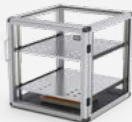



Non-Slip Rubber Feet

For a Secure Stand



SICCO Desiccators for drying / storage

Aluminium frame with acrylic glass panels, including shelves made of polycarbonate / stainless steel, tray for desiccant and hygrometer.

Type	Horizontal-Star	Big-Star	Tower-Star	Maxi 1-Desiccators	Maxi 2-Desiccators
					
				BEST SELLER	
SICCO Article No.:	V 1899-07	V 1896-07	V 1938-07	V 1852-01	V 1853-01
Panels	transparent	transparent	transparent	transparent	transparent
Specification	wide format; door opens forward; 2 shelves (max. 13 shelves)	2 shelves (max. 8 pieces)	high format; door opens forward; 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
Temperature resistance °C	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70
Overall dimensions W x H x D in mm	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	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
Usable volume Liter, approx.	51	156	73	311	156 per chamber
Weight kg, approx.	7	18	8	30	34
Total all-over load kg, approx.	30	80	40	160	80 per chamber
Stand	rubber feet, stackable	rubber feet, stackable	rubber feet, stackable	casters; 2 of them with brakes	casters; 2 of them with brakes
Silicagel included	yes	no	no	no	no
*recomm. price Euro	1.199,37	2.132,86	1.496,92	3.490,05	4.489,51



Special requirements? Custom-Made!

As manufacturer, we enable customized solutions, often faster and more economic than you can imagine. Just talk to our experts about your ideas – we support you from conception to production, even from quantity 1.

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 Automatic Desiccators

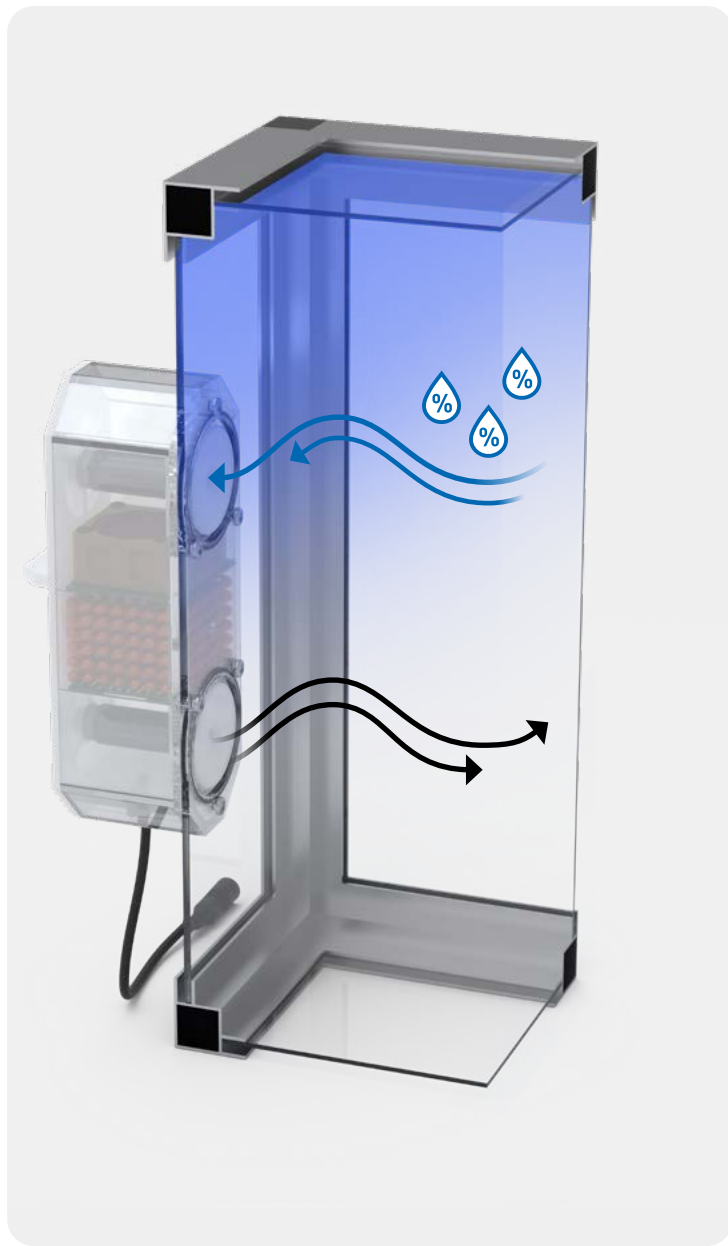
Our automatic Desiccators use an innovative method to permanently reduce humidity in the desiccators. Through our automatic dehumidification system and the silica gel drying beads it contains, moisture can be absorbed from the interior and released back to the outside. In this way, it is possible to achieve an interior humidity of less than 20 %



And This Is How It Works:

Special desiccant pearls absorb the moisture while a fan ensures a constant air flow. In the first part of the approximately 40-minute cycle, the moist air from the desiccator's interior is passed over the desiccant pearls (approx. 30 min.), which absorb the moisture.

In the second part of the cycle (approx. 10 min.), the desiccant pearls are regenerated. For this, they are heated, and the fan now blows the moist, warm air to the outside, subsequently cooling the pearls. Then the cycle starts over.



SICCO Auto Star Desiccator

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



Product Description:

Aluminium frame with acrylic glass panels, including four polycarbonate intermediate shelves, a hygrometer, and a mounted drying unit, can be equipped with up to 26 shelves, stackable. The automatic drying unit continuously reduces the humidity to below 20 % — no manual exchange of desiccant is necessary. A 230 V / 50 Hz power connection is required.

Article No.: / * recomm. price Euro	V 1877-07 / 1.779,71
External Dimensions* W x H x D mm	310 x 525 x 375
Drying unit overhang mm	65 rear side
Usable Interior Space W x H x D mm	260 x 480 x 330
Internal Volume Liters	51
Weight kg	7,3
Max. Load per Shelf / Total Load kg	10 / 30
Usable Area per Shelf mm	245 x 320
Minimum Shelf Spacing mm	11,5
Additional Shelves incl. guide rail	V 1860-68

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



* Recommended prices valid until 31.12.2026

Electronic Hygrometer

Humidity and Temperature Always in View

Reinforced Aluminum Frame

Durable and Visually Appealing

Extractable and Height-Adjustable Shelves

Easily Accessible and Space-Saving Storage

Automatic Drying

Easy Handling, no need to monitor the desiccant

Door with Magnetic Strip

Secure Lock

Panels of a Acrylic or Borosilicate Glass

Visible from all Sides

Circumferential Rubber Seal

Prevents the Ingress of Humidity

Constantly low Air humidity

Focus on Your Tasks; Your Samples and Products Are Stored Safely.



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.



Ergonomic Work

SICCO Glove Boxes are specially designed to create an ergonomic working environment. The port openings are designed so that you can work in a back-friendly posture while having enough space for your work.



Safe Working with Glove Boxes

SICCO Glove Boxes provide you with the necessary protection from potentially hazardous substances and prevent contamination of the environment.



SICCO Glove Box with Transfer Chamber

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



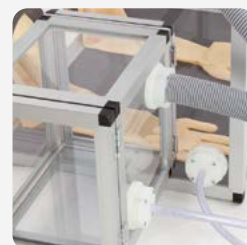
Product Description:

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 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.: / *recomm. price Euro	V 1982-08 / 5.649,99
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, approx.	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

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.

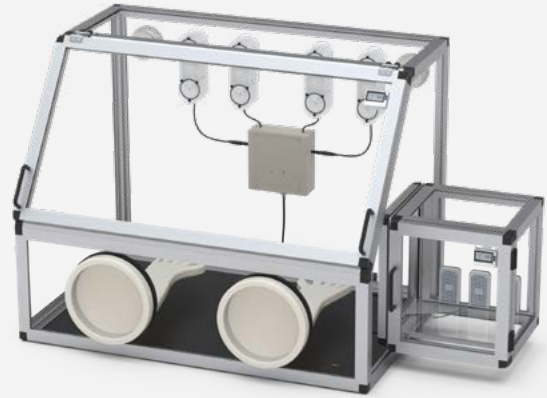


SICCO Auto Glove Box with Transfer Chamber

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

Product Description:

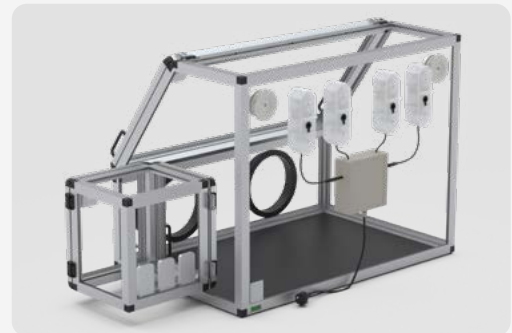
Aluminum frame with acrylic glass panes, polyethylene base. The front side features two access ports with one pair of size 9 natural rubber gloves. The rear side has two leads-in (top right / top left). One hygrometer is included in both the working area and the transfer chamber. The transfer chamber (right side) features two doors, 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. Automatic humidity reduction in the working area and transfer chamber to below 20 % is achieved by automatic drying units mounted on the rear side of the working area and desiccant cassettes in the outer wall of the transfer chamber. The desiccant cassettes can be replaced for regeneration when the silica gel is saturated. A 230 V/50 Hz power connection is required.



Article No.: / *recomm. price Euro	V 1755-08 / 7.423,29
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
Drying Unit Overhang mm	65 rear side
Internal Volume Liters	290
Total Weight kg, ca	53
Max. Load, Evenly Distributed kg, approx.	40
Port Opening mm	Ø 188
Center Distance for Port Openings mm	390
Hinged Lid Opening W x H mm	850 x 430



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



Applications:

For the processing and handling of moisture-sensitive substances in a dry atmosphere. Additional desiccant cassettes for the transfer chamber are available separately.

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

More Accessories

can be found starting on Page 13.

SICCO Suitable Accessories and Spare Parts

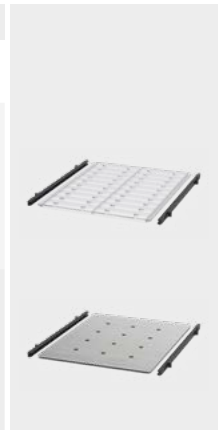
for **Drying**

Item Description:	H x Ø mm:	Material / Properties:	Weight:	Suitable for Desiccators:	Article No.:	*recomm. price Euro
Silica Gel-Cassette Aluminum cassette with encapsulated silica gel and saturation indicator by color change from blue to pink on the top side	102 x 12 x 53		40 g	All Mini Desiccators Auto-Glove Box - V 1755-08	V 1901-04	31,02
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
Silica Gel Cylinder Aluminum cylinder with encapsulated silica gel and saturation indicator by color change from blue to pink on the top side (regenerable)	136 x 108 mm		750 g	All Star, Big Star, Maxi Desiccators	V 1902-04	211,35



Shelves

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 Super-Star - V 1875-07 Protect Star - V 1879-07 Black-Star - V 1891-07 Auto-Star - V 1877-07 Thermo-Star - V 1830-07	V 1860-68	31,45
Shelf with 12 bores Ø 18 mm incl. 2 guide rails	258 x 2 x 320	Stainless steel, guide rails made of Polyamide	approx. 1.305 g	10 kg	Star - V 1871-07 Super Star - V 1875-07 Protect Star - V 1879-07 Black Star - V 1891-07 Auto Star - V 1877-07 Thermo Star - V 1830-07	V 1860-52	94,65



More accessories are available at www.sicco.de/en. Including hygrometers, additional shelves, drip trays, and hoses for gassing. Here you will find everything you need for your desiccators or glove boxes.

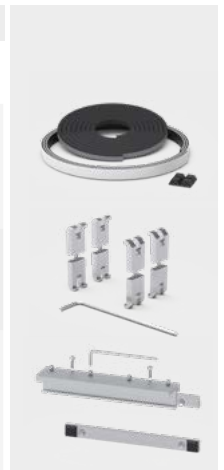
Hygrometer

Item Description:	W x H x D mm:	Measuring Range:	Max. Measurement Error	Weight:	Suitable for Desiccators:	Article No.:	*recomm. price Euro
Electronic Thermo Hygrometer with Max-Min function incl. battery LR 44 button cell, holder and mounting screws	52 x 39 x 15	Temperature -10 to +60 °C Air humidity 20-99 % r.h.	± 1 °C for -10 to +50 °C ± 5 % r.h. for 25-75 % r.h. and 0-50 °C	30 g	All Desiccators and Desiccator walls except Mini Desiccators	V 1863-07	29,73
Electronic Thermo Hygrometer with Max-Min function incl. battery 1.5 V AAA, mounting material	52 x 39 x 15	Temperature -10 to +60 °C Air humidity 20-99 % r.h.	± 1 °C for -10 to +50 °C ± 5 % r.h. for 25-75 % r.h. and 0-50 °C	171 g	All Desiccators and Desiccator walls except Mini Desiccators	V 1866-07	58,94
Electronic Thermo Hygrometer with Max-Min function incl. battery, calibration protocol, resolution 0.1% r.h. / 0.1 °C, measuring rate 18 seconds	120 x 89 x 40	-10 to +70 °C, ± 0.5 °C -40 to +70 °C td +2 to 98 % r.h. ± 2 % Service life 8736 h		168 g	All Desiccators and Desiccator walls except Mini Desiccators	V 1859-08	409,55



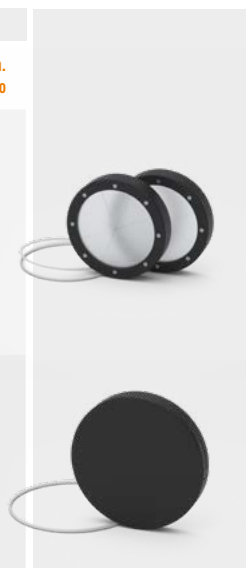
for Maintenance and Mounting

Item Description:	Dimensions mm:	Material / Properties:	Weight:	Suitable for Desiccators:	Article No.:	*recomm. price Euro
Maintenance Set Star Desiccators for easy replacement of sealing and magnetic tape, to permanently ensure the tight seal of the desiccator.		Consisting of: self-adhesive sealing tape, magnetic tape and four rubber feet	125 g	All Star Desiccators	V 1778-02	64,21
Desiccator Connectors consisting of four clamp pairs, each pair with a screw and nut, one Allen key, assembly instructions.	20 x 60 x 10	Aluminium	100 g	All Star Desiccators except Thermo Star	V 1953-07	166,49
Wall-Mounting-Set consisting of a pair of wall rails, a pair of hook rails, six cylinder screws and one Allen key. Screws for mounting the wall rails are not included.	20 x 60 x 10	Aluminium	approx. 650 g	All Star Desiccators except Thermo-Star	V 1777-05	255,51



Iris-Ports

Item Description:	H x Ø mm:	Scope of Delivery:	Material/ Special Feature:	Weight:	Suitable for:	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	Polyethylene, silicone	385 g	All Glove Boxes	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.	30 x Ø 215	1 Closing lid and 1 cord seal	Polyethylene, silicone	195 g	All Glove Boxes	V 1790-07	190,25€



SICCO

A PRODUCT BRAND OF
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