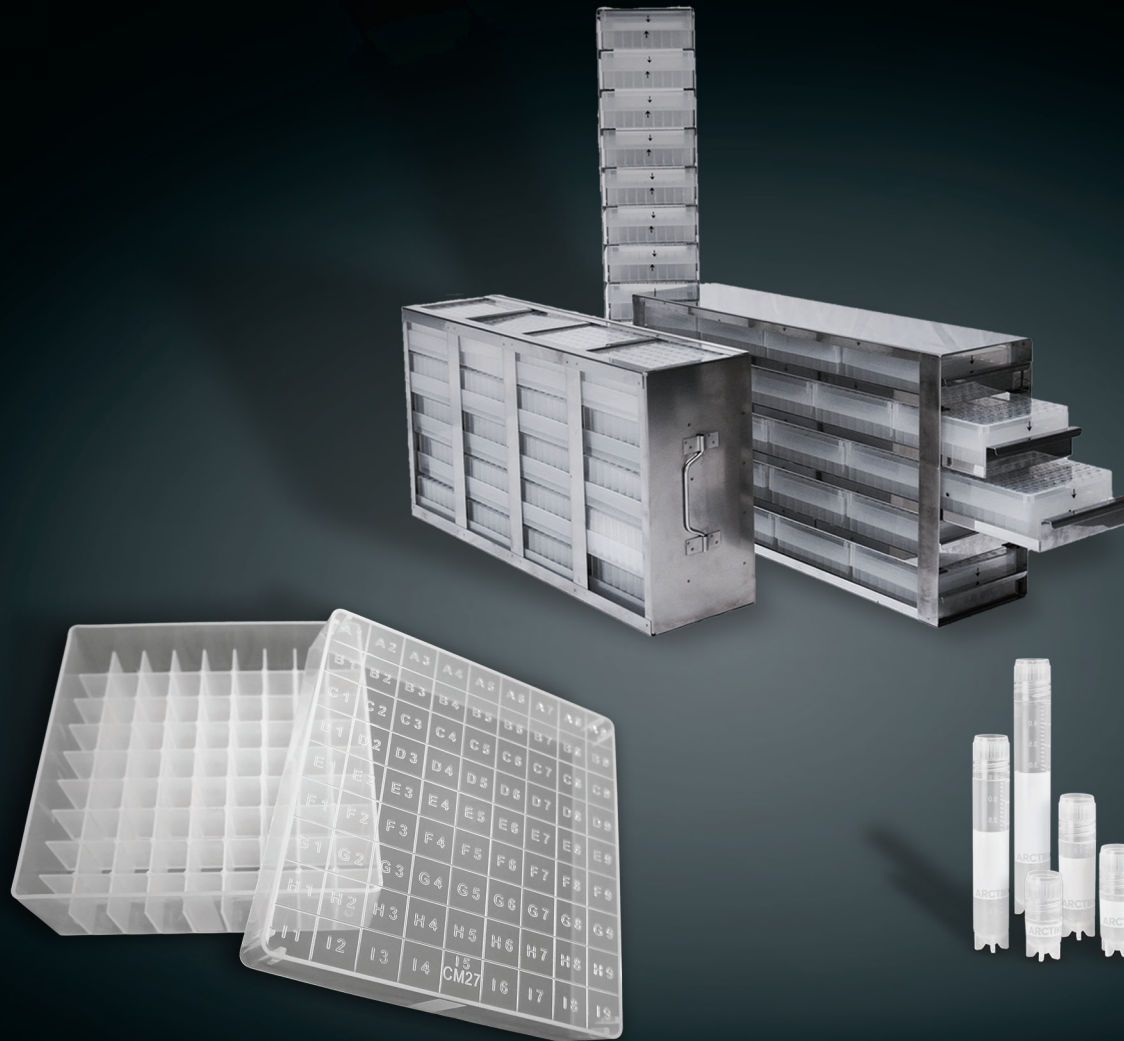


# RACKS, BOXES & CRYOVIALS



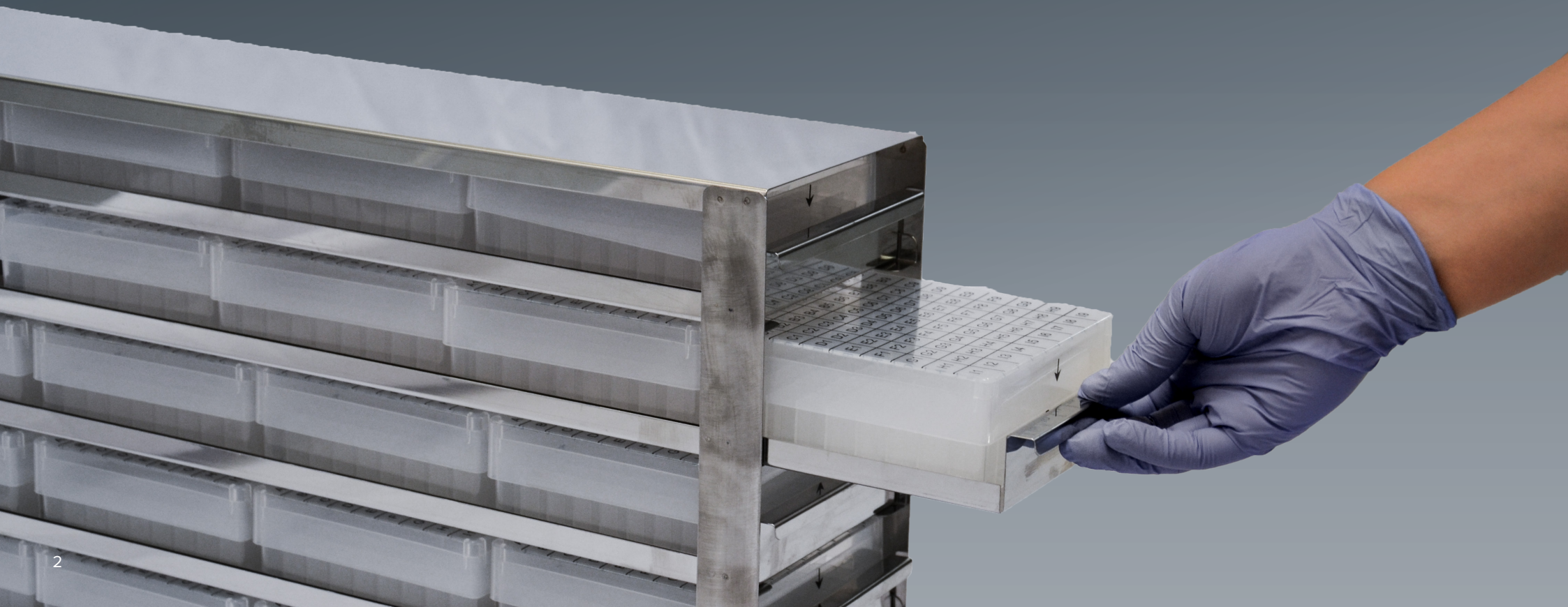
## CRYO BOXES

Arctiko Cryo boxes are available in 2 versions. They are made of high quality and perfect for short- or long-term storage. Our standard 9x9 boxes fits perfectly in various rack systems and has a storage capacity of 81 samples. The new and innovative 10x10 box are perfectly matched together with the new and smart Arctiko Cryovials that together makes it possible to store 100 samples in only 1 box.

The 10x10 dividers provides 23% additional storage capacity compared to our conventional solution. The boxes are made of high quality durable polypropylene and can be used in temperatures as low as -150 °C\*. The boxes are autoclavable at +121 °C for 20 minutes.

With features like graduated alpha-numeric coding, smart closing indication and high-quality durable resin, these boxes are made with the purpose of fast and easy handling.

\* internally tested to be able to withstand down to -150°C.



# PRODUCT OVERVIEW

The clear lid is connected to the box with special lock 'click on system' to prevent accidental opening. The upper corners of the lid and base are cut with an angle for faster identification and handling.

Optically clear lid and colored base with openings for ventilation. Numerical coding for each tube enables quick and easy sample identification.

Arctiko 10x10 Cryo boxes fits perfectly with Arctiko cryo vials: 0.5, 1.0, 2.0 and 4.0.

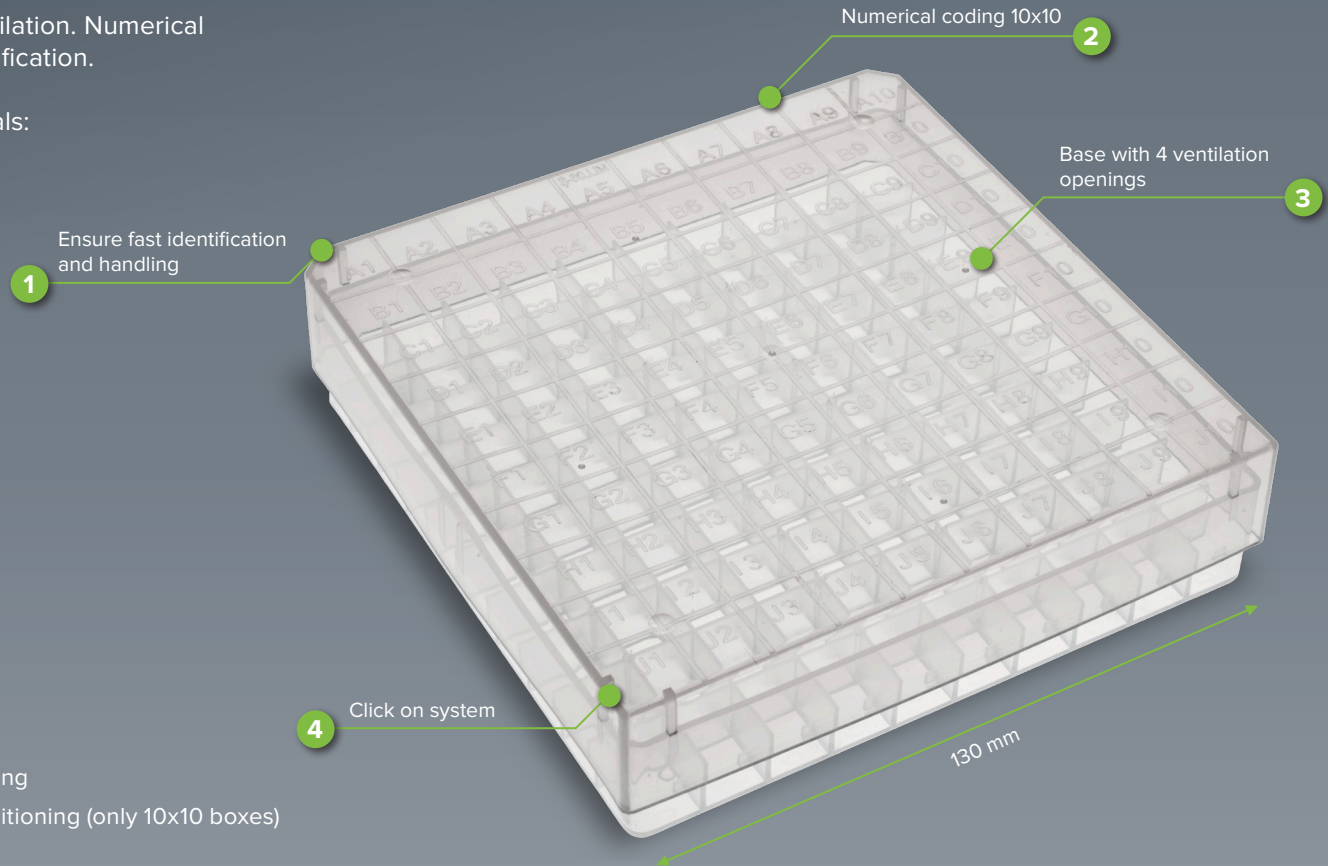
A1	A2	A3	A4	A5	A6	A7	A8	A9
B1	B2	B3	B4	B5	B6	B7	B8	B9
C1	C2	C3	C4	C5	C6	C7	C8	C9
D1	D2	D3	D4	D5	D6	D7	D8	D9
E1	E2	E3	E4	E5	E6	E7	E8	E9
F1	F2	F3	F4	F5	F6	F7	F8	F9
G1	G2	G3	G4	G5	G6	G7	G8	G9
H1	H2	H3	H4	H5	H6	H7	H8	H9
I1	I2	I3	I4	I5	I6	I7	I8	I9

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
D1	D2	D3	D4	D5	D6	D7	D8	D9	D10
E1	E2	E3	E4	E5	E6	E7	E8	E9	E10
F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
H1	H2	H3	H4	H5	H6	H7	H8	H9	H10
I1	I2	I3	I4	I5	I6	I7	I8	I9	I10
J1	J2	J3	J4	J5	J6	J7	J8	J9	J10

Example of a 81 vial (9x9 / left), and a 100 vial (10x10 / right) cryo box layout

## PRODUCT FEATURES

- Connects to the base with a click to prevent accidental opening
- Upper edges cut at an angle to ensure proper and fast lid positioning (only 10x10 boxes)
- Alpha-numerical system on top and bottom
- Molded in for easy sample identification
- Autoclavable
- 4 openings for ventilation
- Star feet lock
- Enables one handed opening of vials without taking them out
- 130x130 dimension fits most rack systems



# CRYOVIALS



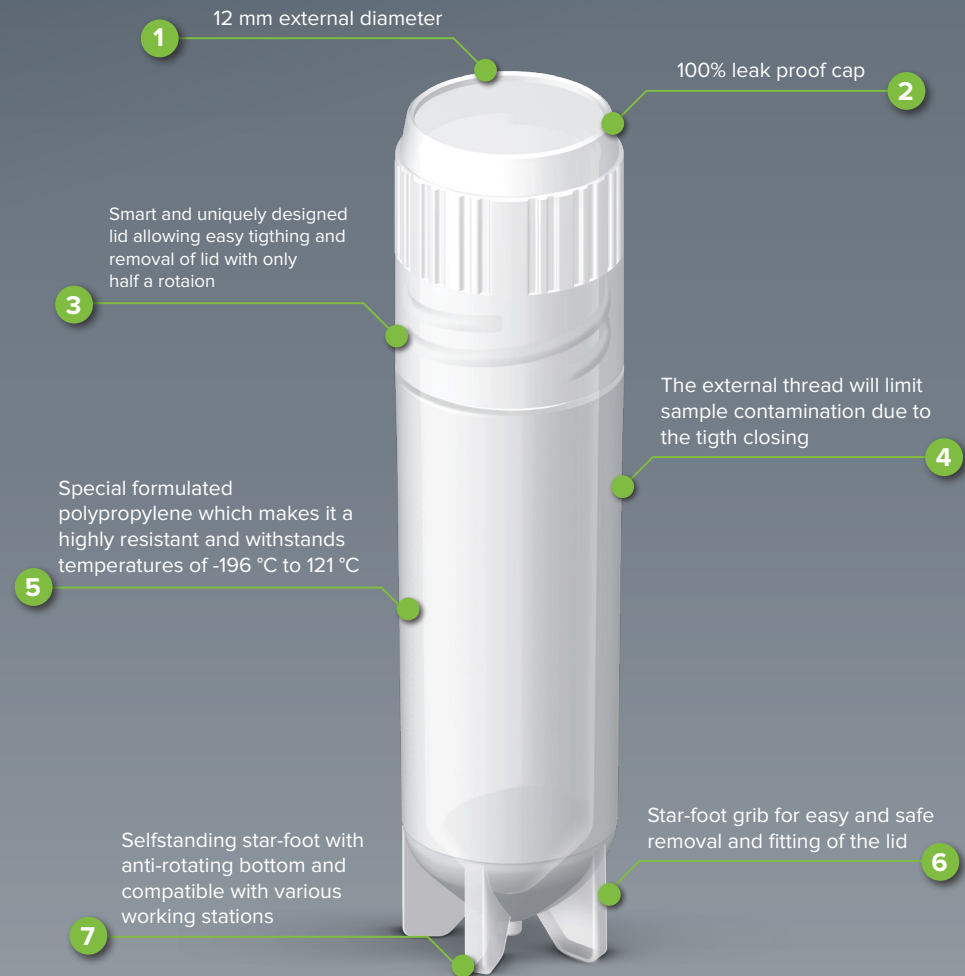
# 23% MORE SAMPLES WITH THE USE OF ARCTIKO CRYOVIALS AND BOXES, DUE TO THE INNOVATIVE DESIGN.

Arctiko Cryovials is uniquely designed with external threads for safe short- and long-term storage. The cryovials are constructed of high quality special formulated polypropylene which makes the Arctiko cryovials highly resistant and able to withstand temperatures of -196 °C to 121 °C.

Arctiko's Cryovials combined with the innovative 10x10 Cryoboxes, makes it possible to store 100 pcs in only one box without any extra costs involved. Compared with the conventional box, you will get room for 19 more samples without having to compromise with the space.

## PRODUCT FEATURES

- 100 pcs of Cryovials fits in the innovative 10x10 boxes
- More than 23% more samples
- External thread design
- Smart star-foot grip
- Uniquely designed lids



## QUALITY CERTIFICATES

Arctiko's cryovials are designed and manufactured in Denmark ensuring the best possible quality.

- Quality tested
- Produced according to GMP guidelines in a cleanroom
- Rnase-free, Dnase-free & Pyrogen-free
- DNA, RNA & ATP-free
- Sterilized after ISO 11137-2:2013
- Sterility Assurance Level (SAL) by standard products  $10^{-6}$  according to DIN EN ISO 11137
- 5 years from date of sterilization - As long as the packaging remains unopened and free
- Free from detectable heavy metals, BSE / TSE and cytotoxic substances from visible defect



## SPECIFICATIONS

<b>CRYOVIALS SPECIFICATIONS</b>	<b>CV05</b>	<b>CV10</b>	<b>CV20</b>	<b>CV40</b>	<b>CV50</b>
Volume (ml)	0,5	1,0	2,0	4,0	5,0
Length (mm)	28,6	36,1	47,6	73,3	88,5
Diameter (mm)	12,08	12,08	12,08	12,08	12,08
Material	PP (Polypropylen)	PP (Polypropylen)	PP (Polypropylen)	PP (Polypropylen)	PP (Polypropylen)
Temperature range	-196°C to 121°C	-196°C to 121°C	-196°C to 121°C	-196°C to 121°C	-196°C to 121°C
Pressure tolerance	95 kPa (0.95 bar)	95 kPa (0.95 bar)	95 kPa (0.95 bar)	95 kPa (0.95 bar)	95 kPa (0.95 bar)
Max filling (Vapor LN <sub>2</sub> ) -196 °C	0,4	0,8	1,3	3,3	4,3
Max filling -20 °C	0,5	0,9	1,7	3,5	4,5
Max filling -80 °C	0,4	0,9	1,5	3,5	4,5
Order quantity	10X100 pcs. pr. back = 1000 pcs.	10X100 pcs. pr. back = 1000 pcs.	10X100 pcs. pr. back = 1000 pcs.	5X100 pcs. pr. back = 500 pcs.	5X100 pcs. pr. back = 500 pcs.

<b>CRYO BOXES SPECIFICATIONS</b>	<b>PBN05</b>	<b>PBN10</b>	<b>PBN20</b>	<b>PBN40</b>	<b>PBN50</b>	<b>PB50</b>	<b>PB75</b>	<b>PB96</b>
Item no.	DAI 3160	DAI 3161	DAI 3162	DAI 3163	DAI 3164	DAI	DAI	DAI
Box size (Height in mm)	32	40	50	80	90	50	75	96
Dimensions (WxDxH in mm)	130x130x32	130x130x40	130x130x50	130x130x80	130x130x90	133x133x50	133x133x75	133x133x96
Total vial capacity	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	81 pcs.	81 pcs.	81 pcs.
Minimum order quantity	1 pcs. (10x10 box)	1 pcs. (10x10 box)	1 pcs. (10x10 box)	1 pcs. (10x10 box)	1 pcs. (10x10 box)	1 pcs. (9x9 box)	1 pcs. (9x9 box)	1 pcs. (9x9 box)

## MAKE YOUR SCIENTIFIC LIFE EASIER

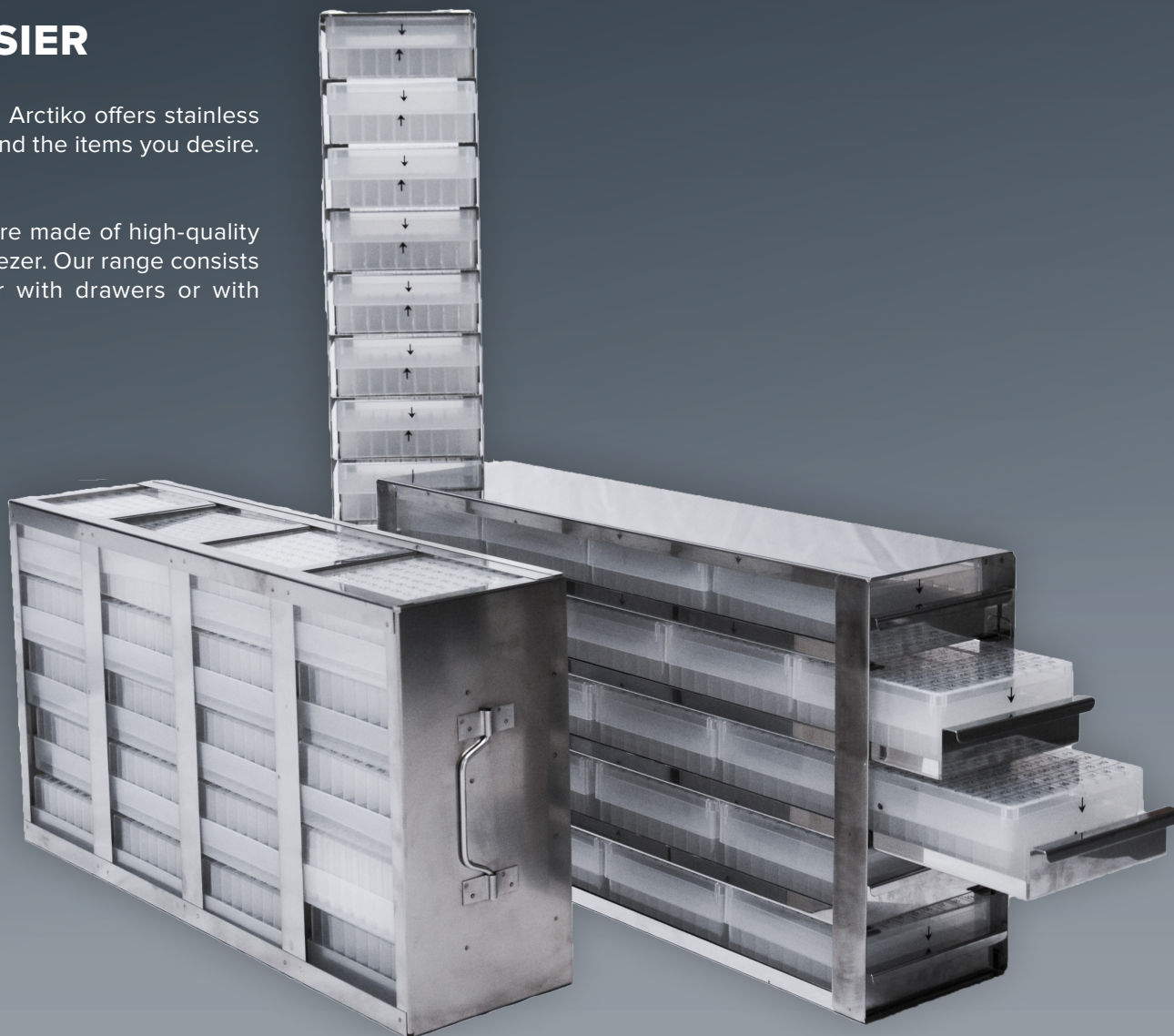
Store your freezer storage boxes within organized freezer racks. Arctiko offers stainless steel racks to optimize your freezer space and makes it easy to find the items you desire. Don't waste your time sifting through unsorted samples.

We offer a large variety of racks for our freezers. These racks are made of high-quality stainless steel and help you organize the samples inside your freezer. Our range consists of racks for both chest freezers and upright freezers, either with drawers or with compartments in order to introduce the box from the side.



Intertek

Intertek

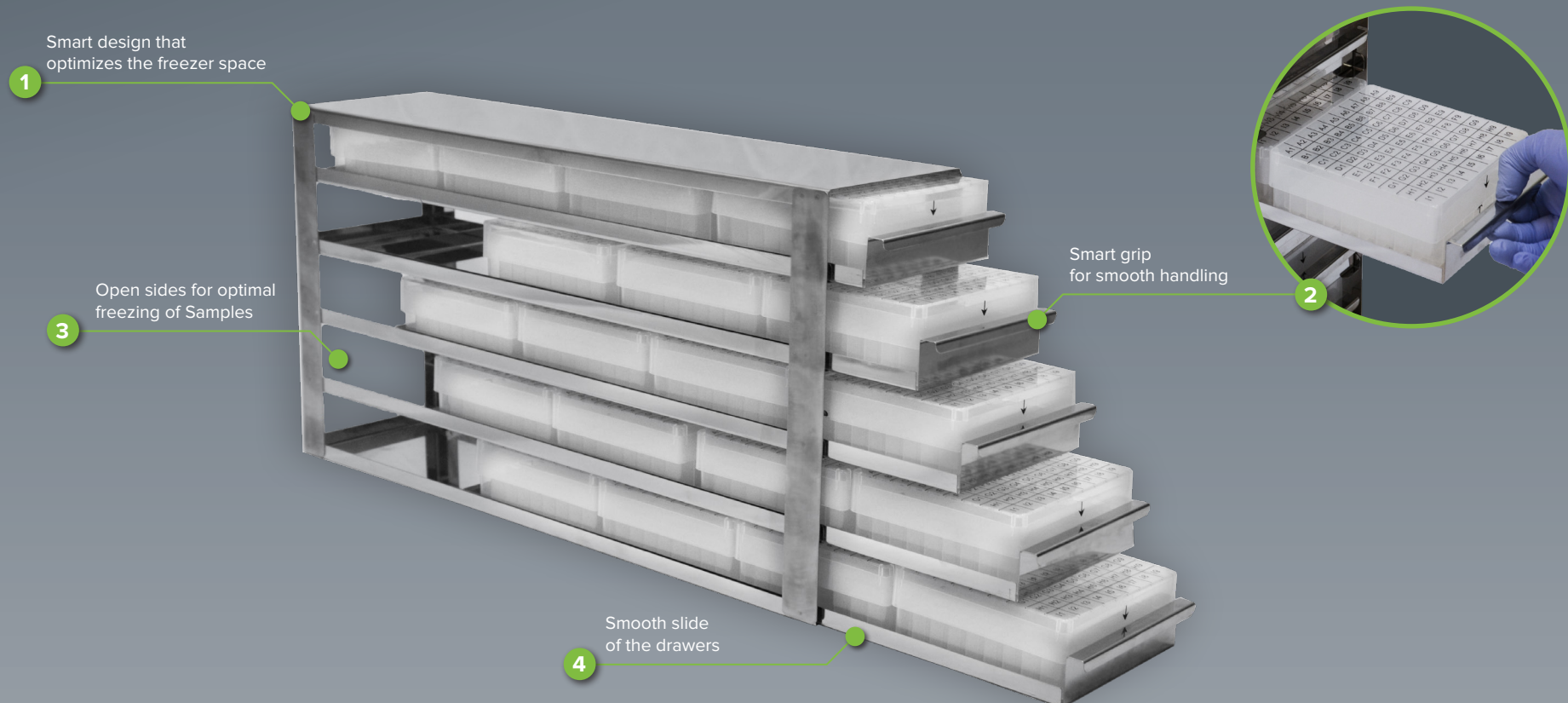




## UPRIGHT DRAWER RACK

Strong stainless steel racks with drawers for easy and practical access to your boxes. The drawers slide smoothly and easily, which facilitates easy removal and insertion. The upright drawer rack is equipped with a smart grip, which ensures easy handling and finding of necessary samples.

When using racks with drawers, only the relevant drawer with the freezer boxes of interest is pulled-out. All other boxes stay safely in the cold interior of the ULT freezer. Arctiko's UDR are designed for smooth and ergonomic hand-lining, as well as to give a great overview of samples. The upright drawer racks fit all boxes up to 133x133x37 mm.



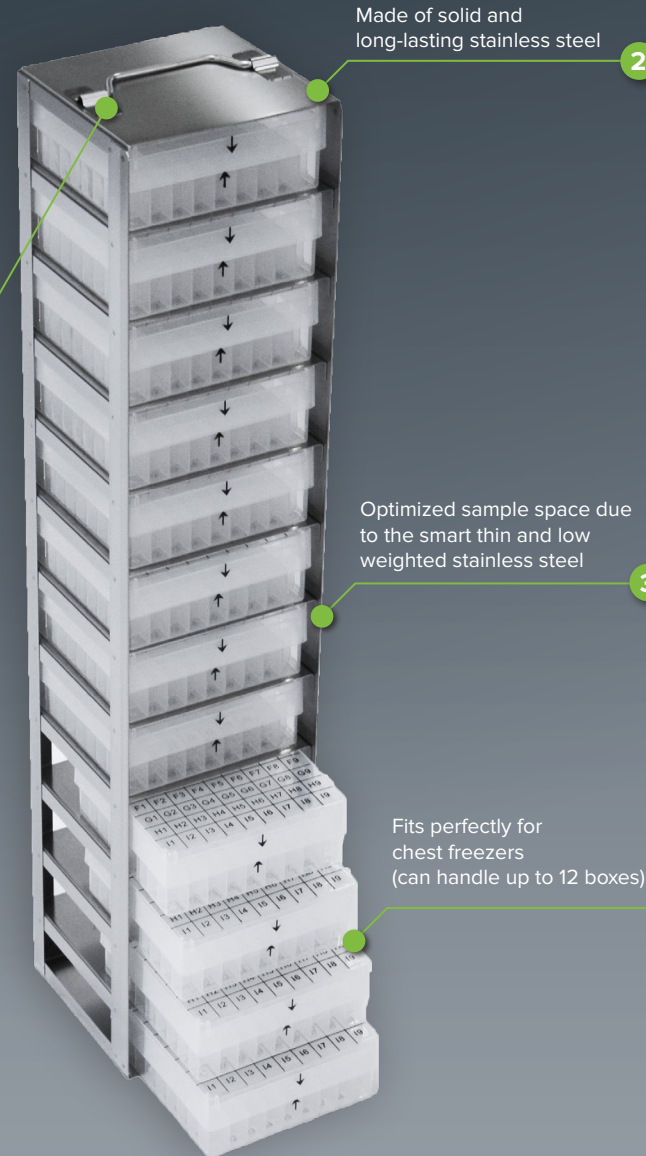
# CHEST FRONT RACK

The chest front rack is designed for optimal suiting of chest freezers. Due to the design and choice of material, these unique racks are extremely solid and long-lasting stainless steel. These racks are easy to work with and give a good grip of the racks, thanks to the smart folding handle on top of the rack.

The box is removed from the front, thus ensuring a good overview. The handle in the top meanwhile ensures easy handling of the racks. The chest front rack fit all boxes up to 133x133x37 mm.



1 Folded handle in the top for easy handling



2 Made of solid and long-lasting stainless steel

3 Optimized sample space due to the smart thin and low weighted stainless steel

4 Fits perfectly for chest freezers (can handle up to 12 boxes)

# UPRIGHT SIDE RACK

The upright side rack model features individual compartments for each box, meaning that the box is introduced from the side with the folding vertical handle.

The rack is smart in the event you need to access more samples at the time. Open on both sides for great airflow around the samples. The upright side racks fit all boxes up to 133x133x37 mm.





# ARCTIKO

true cooling specialists

06-05/2019



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