



## ARPEGE range

Cryogenic containers for storing biological samples



# ABOUT US

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Cryopal, founded in 1968, designs, manufactures and distributes products for liquid oxygen homecare therapies and cryobiology



## KEY FIGURES

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**100+**  
qualified professionals

**55+**  
years of experience

**90+**  
countries

Annual production:

**> 20,000** containers  
with a volume

**of 0.3 to 2,000** liters

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# Applications

Oxygen therapy



Dermatology



Healthcare and medical research



Cryobanking

Pharmaceutical industry



Pharmaceutical research



Animal health



## Our missions



Supporting scientific research



Improving access to healthcare for everyone



Helping to reduce our carbon footprint through eco-friendly manufacturing practices

# ARPEGE

Intermediate-sized cryobanking containers for storing biological samples in straws, cryo-vials and bags.



## Key benefits

- ✓ Lightweight and robust thanks to their aluminium design
- ✓ A capacity of up to 68,880 straws or 6,000 cryo-vials
- ✓ For storing gas or liquid
- ✓ Storage solutions with racks or canisters
- ✓ A variety of possible inventory systems
- ✓ Vacuum guaranteed for 6 years

ARPEGE model with narrow neck for a longer holding time



ARPEGE model with wide neck for easier access to samples

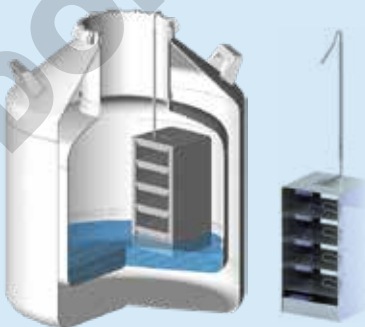


Optional CRYOMEMO electronic monitoring assistance: level and temperature display, automatic filling



### Gas

The samples are stored in nitrogen vapour: samples are not in direct contact with liquid nitrogen.



### Liquid

The samples are stored immersed in liquid nitrogen depending on the level.



### Individual box locking system

Allows the user to remove only the box of their choice, for greater handling safety.



ARPEGE cryobanking containers are class-IIa medical devices – GMDN code 16534.  
Racks, canisters and CRYOMEMO electronic devices are class-I medical devices.

# Your needs

Choose the size of your container depending on your storage needs



		ARPEGE NARROW NECK					ARPEGE WIDE NECK			
		40	70	110	140	170	55	75		
		Liquid  or gas		/	/	/				
	Standard goblets (in canisters)	0.25 ml	-	-/-	-/-	-/-	-/-	51,660 / 49,200 <sup>(1)</sup>	68,880 / 65,600 <sup>(1)</sup>	
		0.5 ml	-	-/-	-/-	-/-	-/-	22,995 / 21,900 <sup>(1)</sup>	30,660 / 29,200 <sup>(1)</sup>	
		CBS 0.3-0.5 ml	-	-/-	-/-	-/-	-/-	14,175 / 13,500 <sup>(1)</sup>	18,900 / 18,000 <sup>(1)</sup>	
	"Daisy" goblets (in canisters)	0.25 ml	-	-/-	-/-	-/-	-/-	34,020 / 32,400 <sup>(1)</sup>	45,360 / 43,200 <sup>(1)</sup>	
		0.5 ml	-	-/-	-/-	-/-	-/-	15,120 / 14,400 <sup>(1)</sup>	20,160 / 19,200 <sup>(1)</sup>	
		CBS 0.3-0.5 ml	-	-/-	-/-	-/-	-/-	10,584 / 10,080 <sup>(1)</sup>	14,112 / 13,440 <sup>(1)</sup>	
		Standard goblets (in racks)	0.25 ml	-	-/-	-/-	-/-	-/-	41,820 / 39,360 <sup>(1)</sup>	55,760 / 52,480 <sup>(1)</sup>
			0.5 ml	-	-/-	-/-	-/-	-/-	18,615 / 17,520 <sup>(1)</sup>	24,820 / 23,360 <sup>(1)</sup>
			CBS 0.3-0.5 ml	-	-/-	-/-	-/-	-/-	11,475 / 10,800 <sup>(1)</sup>	15,300 / 14,400 <sup>(1)</sup>
"Daisy" goblets (in racks)	0.25 ml	-	-/-	-/-	-/-	-/-	-/-	27 540 / 25 920 <sup>(1)</sup>	36,720 / 34,560 <sup>(1)</sup>	
	0.5 ml	-	-/-	-/-	-/-	-/-	-/-	12,240 / 11,520 <sup>(1)</sup>	16,320 / 15,360 <sup>(1)</sup>	
	CBS 0.3-0.5 ml	-	-/-	-/-	-/-	-/-	-/-	8,568 / 8,064 <sup>(1)</sup>	11,424 / 10,752 <sup>(1)</sup>	
Visotubes Ø12 mm (in racks <sup>(2)</sup> )	0.25 ml	-	14,960 / 7,480	22,440 / 14,960	33,660 / 22,440	44,880 / 33,660	-	-		
	0.5 ml	-	5,440 / 2,720	8,160 / 5,440	12,240 / 8,160	16,320 / 12,240	-	-		
	CBS 0.3-0.5 ml	-	4,760 / 2,380	7,140 / 4,760	10,710 / 7,140	14,280 / 10,710	-	-		
Vials	Boxes (in racks)	2 ml <sup>(3)</sup>	750 <sup>(4)</sup>	2,000 / 1,600	3,600 / 3,200	4,800 / 4,200	6,000 / 5,400	3,618 / 3,015 <sup>(1)</sup>	4,824 / 4,020 <sup>(1)</sup>	
		5 ml <sup>(5)</sup>	-	972 / 648	1,620 / 1,296	1,944 / 1,458	2,430 / 1,944	-	-	
	Vial-holder rods (in canisters)	2 ml	-	-/-	-/-	-/-	-/-	2,142 / 2,040 <sup>(1)</sup>	4,284 / 4,080 <sup>(1)</sup>	
		5 ml	-	-/-	-/-	-/-	-/-	1,071 / 1,020 <sup>(1)</sup>	2,142 / 2,040 <sup>(1)</sup>	
	Bags	700 ml	DF700 without case	-	-/-	-/-	-/-	-/-	24	48

Note: for total, continuous immersion of samples in liquid, please contact us for the right choice of container(s) depending on your storage needs.

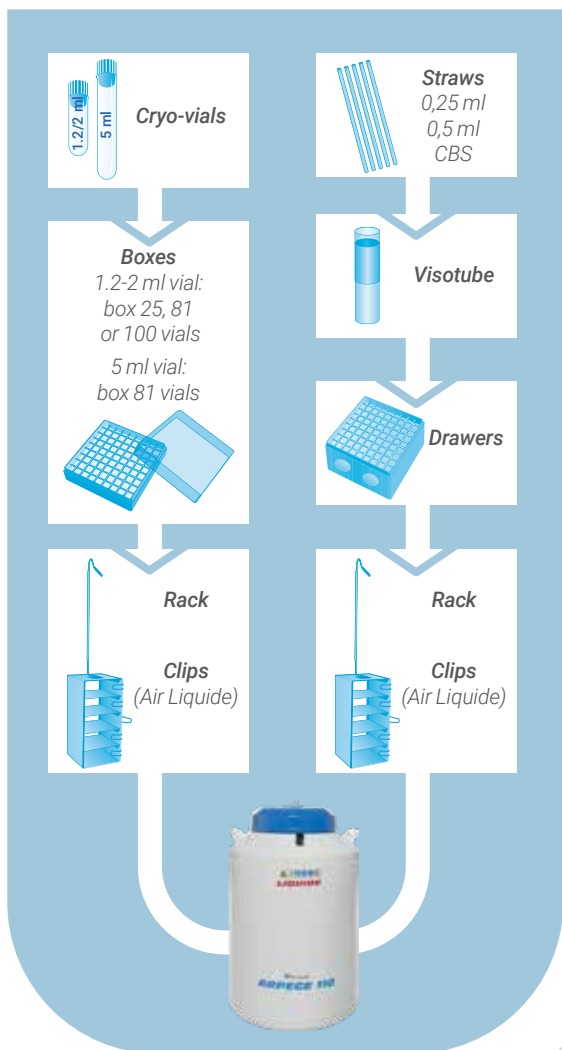
<sup>(1)</sup> Capacity if fitted with CryoMemo. <sup>(2)</sup> 85 visotubes per level. <sup>(3)</sup> Capacity in boxes of 100 vials. <sup>(4)</sup> Capacity in boxes of 25 vials.

<sup>(5)</sup> Capacity in boxes of 81 vials.

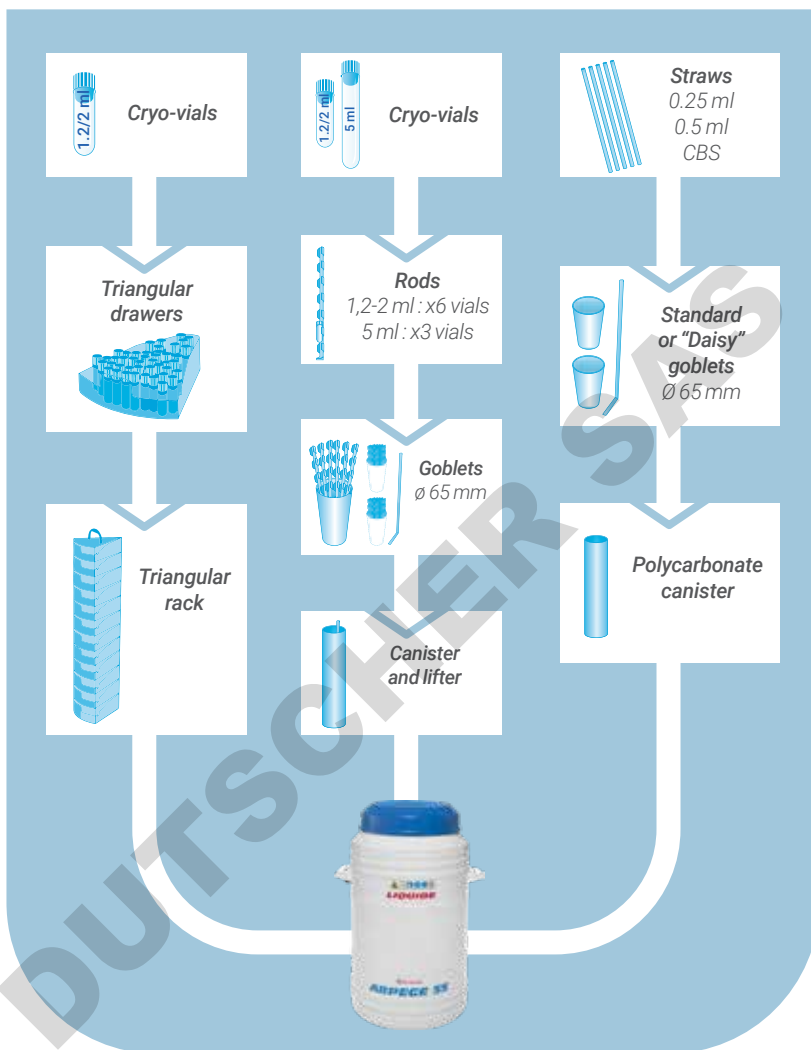


## Inventory systems

### ARPEGE 40-70-110-140-170






















### ARPEGE 55-75








# Our solutions

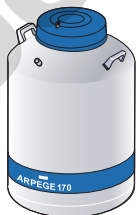
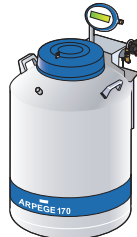
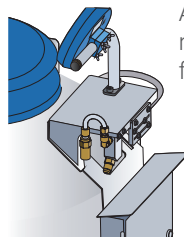
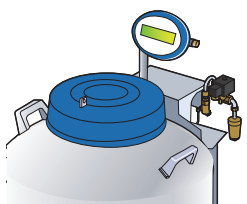
## Technical specifications

	ARPEGE NARROW NECK					ARPEGE WIDE NECK	
	40	70	110	140	170	55	75
Liquid  or gas 		 / 	 / 	 / 	 / 		
Storage capacity  – L	43.4	73.5	117	146	174	54.3	72.4
Storage capacity  – L	-	14.2	14.3	21.9	20.5	-	-
Tare weight without equipment – kg	25	33	40	40	56	31	37
Fully loaded weight without equipment  – kg	57	91	134	156	195	75	95
Fully loaded weight without equipment  – kg	-	59	69	84	90	-	-
Height without CRYOMEMO – mm	735	738	962	911	1,028	850	1,015
Height with CRYOMEMO – mm	970	921	1,145	1,094	1,211	1,035	1,200
Depth – mm	551	673	672.5	769.5	769.5	546	546
Diameter – mm	467	586	586	683	683	468	468
Neck diameter – mm	120	215	215	215	215	378	378
Static holding time <sup>(1)</sup>  – d	144	105	156	194	217	23	30
Static holding time <sup>(1)</sup>  – d	-	20	19	29	25	-	-
Theoretical daily evaporation <sup>(1)</sup> – L/d	0.3	0.7	0.75	0.75	0.8	2.29	2.38
Level display <sup>(2)</sup> – %	✓	✓	✓	✓	✓	✓	✓
Temperature display <sup>(2)</sup> – °C/°F	✓	✓	✓	✓	✓	✓	✓
LN <sub>2</sub> connector (if automatic filling, except ARPEGE 40)	Thread: 3/4-16 UNF 2A-RH						

## Inventory systems

Number of racks	6	4	4	6	6	6 <sup>(3)</sup>	17 <sup>(3)</sup>
Number of canisters	-	-	-	-	-	21 <sup>(4)</sup>	21 <sup>(4)</sup>
Number of levels 2 ml vials 	5	5	9	8	10	9 / 1 <sup>(5)</sup>	12 / 2 <sup>(5)</sup>
Number of levels 2 ml vials 	-	4	8	7	9	-	-
Number of levels 5 ml vials 	-	3	5	4	5	1 <sup>(6)</sup>	2 <sup>(5)</sup>
Number of levels 5 ml vials 	-	2	4	3	7	-	-
Number of levels straws 	-	2	3	3	4	3 <sup>(7)</sup>	4 <sup>(7)</sup>

## Options available

SIMPLE Container without electronics	INITIAL SIMPLE + CRYOMEMO electronics	ESSENTIAL INITIAL + automatic filling option	ESSENTIAL + ESSENTIAL + degassing option
	 <ul style="list-style-type: none"> <li>• Level display</li> <li>• Temperature display</li> <li>• Server option</li> <li>• 4-20 mA and RS485 output for data transfer</li> </ul>	 <p>Automatic level regulation with filling safety</p>	 <p>Degassing kit</p>

<sup>(1)</sup> Holding tests are performed under the conditions of the ISO 21014 standard extrapolated to the volumes evaluated according to the theoretical models. Daily evaporation and holding times are at 20°C, 1,013 mb, with a stationary container and a closed lid. These values are nominal and may vary based on the history of the container and manufacturing tolerances.

<sup>(2)</sup> CRYOMEMO option available on the entire ARPEGE range.

<sup>(3)</sup> 5 or 16 racks if fitted with CryoMemo.

<sup>(4)</sup> 20 canisters if fitted with CryoMemo.

<sup>(5)</sup> 2 ml cryo-vials clipped on vial-holder rod.

<sup>(6)</sup> 5 ml cryo-vials clipped on vial-holder rod.

<sup>(7)</sup> Canisters or racks for goblet.



# ARPEGE 40

## References

### Cryogenic containers ARPEGE 40

	<b>SIMPLE</b> Container without electronic	<b>INITIAL SIMPLE + CRYOMEMO</b>
Liquid	ARPEGE40N-L-1	ARPEGE40N-L-101

### Inventory systems

	Storage type	Designation	Reference
Liquid	<b>Cryo-vials 2 ml</b>	1 rack 5 levels for 1.2/2 ml vials (max. 6 racks per container)	ACC-RACK-16
		Set of 6 racks	ACC-RACK-100

### Accessories

	Storage type	Designation	Reference
	<b>Cryo-vials 1.2-2 ml</b>	Set of 50 2 ml round bottom vials with white lid	ACC-BOXTUBE-11
		Set of 8 boxes 76 x 76 x 51 mm (capacity 25 vials)	ACC-BOXTUBE-105
	<b>Other accessories</b>	Lockable roller base (height: 220 mm)	ACC-ALU-29
		Container fixation kit for roller base (option)	ACC-ALU-32





# ARPEGE 70

## References

### Cryogenic containers ARPEGE 70

	<b>SIMPLE</b> Container without electronic	<b>INITIAL</b> <b>SIMPLE</b> + CRYOMEMO	<b>ESSENTIAL</b> <b>INITIAL</b> + automatic filling	<b>ESSENTIAL +</b> <b>ESSENTIAL</b> + degassing kit
<b>Liquid</b>	ARPEGE70N-L-1	ARPEGE70N-L-101	ARPEGE70N-L-102	ARPEGE70N-L-103
<b>Gas</b>	-	-	ARPEGE70N-G-102	ARPEGE70N-G-103

### Inventory systems

	Storage type	Designation	Reference
<b>Liquid</b> 	<b>Straws</b>	1 rack 2 levels for straws without visotube (max. 4 racks per container)	ACC-RACK-23
		Set of 4 racks	ACC-RACK-111
	<b>Cryo-vials 2 ml</b>	1 rack 5 levels for 1,2/2 ml vials (max. 4 racks per container)	ACC-RACK-17
		Set of 4 racks	ACC-RACK-101
	<b>Cryo-vials 5 ml</b>	1 rack 3 levels for 5 ml vials (max. 4 racks per container)	ACC-RACK-12
		Set of 4 racks	ACC-RACK-105
	<b>Bags 25 ml</b>	1 rack 3 levels (capacity 33 bags, max. 4 racks per container)	ACC-RACK-208
		Set of 4 racks	ACC-RACK-207
<b>Gas</b> 	<b>Straws</b>	1 rack 2 levels for straws without visotube (max. 4 racks per container)	ACC-RACK-23
		Set of 4 racks	ACC-RACK-111
	<b>Cryo-vials 2 ml</b>	1 rack 4 levels for 1,2/2 ml vials (max. 4 racks per container)	ACC-RACK-310
		Set of 4 racks	ACC-RACK-300
	<b>Cryo-vials 5 ml</b>	1 rack 2 levels for 5 ml vials (max. 4 racks per container)	ACC-RACK-308
		Set of 4 racks	ACC-RACK-304
	<b>Bags 25 ml</b>	1 rack 2 levels (capacity 22 bags, max. 4 racks per container)	ACC-RACK-210
		Set of 4 racks	ACC-RACK-209

### Accessories

Storage type	Designation	Reference
<b>Straws</b>	Set of 100 visotubes with lid Ø 12 mm	ACC-BOXTUBE-5
<b>Cryo-vials 1.2-2 ml</b>	Set of 50 2 ml round bottom vials with white lid	ACC-BOXTUBE-11
	Set of 10 boxes 133 x 133 x 51 mm (capacity 100 vials)	ACC-BOXTUBE-104
<b>Cryo-vials 5 ml</b>	Set of 50 5 ml round bottom vials with white lid	ACC-BOXTUBE-16
	Set of 4 boxes 133 x 133 x 95 mm (capacity 81 vials)	ACC-BOXTUBE-107
<b>Other accessories</b>	Lockable roller base (height: 220 mm)	ACC-ALU-30
	Container fixation kit for roller base (option)	ACC-ALU-32
	Flexible DN10 180/180 for nitrogen L = 1.5 m	ACC-FL180180NL-15



# ARPEGE 110

## References

### Cryogenic containers ARPEGE 110

	<b>SIMPLE</b> Container without electronic	<b>INITIAL</b> <b>SIMPLE</b> + <b>CRYOMEMO</b>	<b>ESSENTIAL</b> <b>INITIAL</b> + automatic filling	<b>ESSENTIAL +</b> <b>ESSENTIAL</b> + degassing kit
Liquid	ARPEGE110N-L-1	ARPEGE110N-L-101	ARPEGE110N-L-102	ARPEGE110N-L-103
Gas	-	-	ARPEGE110N-G-102	ARPEGE110N-G-103

### Inventory systems

	Storage type	Designation	Reference
Liquid	Straws	1 rack 3 levels for straws without visotube (max. 4 racks per container)	ACC-RACK-14
		Set of 4 racks	ACC-RACK-112
	Cryo-vials 2 ml	1 rack 9 levels for 1,2/2 ml vials (max. 4 racks per container)	ACC-RACK-18
		Set of 4 racks	ACC-RACK-102
	Cryo-vials 5 ml	1 rack 5 levels for 5 ml vials (max. 4 racks per container)	ACC-RACK-13
		Set of 4 racks	ACC-RACK-106
	Bags 25 ml	1 rack 5 levels (capacity 55 bags, max. 4 racks per container)	ACC-RACK-212
		Set of 4 racks	ACC-RACK-211
Gas	Straws	1 rack 3 levels for straws without visotube (max. 4 racks per container)	ACC-RACK-14
		Set of 4 racks	ACC-RACK-112
	Cryo-vials 2 ml	1 rack 8 levels for 1,2/2 ml vials (max. 4 racks per container)	ACC-RACK-311
		Set of 4 racks	ACC-RACK-301
	Cryo-vials 5 ml	1 rack 4 levels for 5 ml vials (max. 4 racks per container)	ACC-RACK-309
		LOT de 4 racks	ACC-RACK-305
	Bags 25 ml	1 rack 4 levels (capacity 44 bags, max. 4 racks per container)	ACC-RACK-214
		Set of 4 racks	ACC-RACK-213

### Accessories

Storage type	Designation	Reference
Straws	Set of 100 visotubes with lid Ø 12 mm	ACC-BOXTUBE-5
Cryo-vials 1.2-2 ml	Set of 50 2 ml round bottom vials with white lid	ACC-BOXTUBE-11
	Set of 10 boxes 133 x 133 x 51 mm (capacity 100 vials)	ACC-BOXTUBE-104
Cryo-vials 5 ml	Set of 50 5 ml round bottom vials with white lid	ACC-BOXTUBE-16
	Set of 4 boxes 133 x 133 x 95 mm (capacity 81 vials)	ACC-BOXTUBE-107
Other accessories	Lockable roller base (height: 220 mm)	ACC-ALU-30
	Container fixation kit for roller base (option)	ACC-ALU-32
	Flexible DN10 180/180 for nitrogen L = 1.5 m	ACC-FL180180NL-15



# ARPEGE 140

## References

### Cryogenic containers ARPEGE 140

	<b>SIMPLE</b> Container without electronic	<b>INITIAL</b> <b>SIMPLE</b> + <b>CRYOMEMO</b>	<b>ESSENTIAL</b> <b>INITIAL</b> + automatic filling	<b>ESSENTIAL +</b> <b>ESSENTIAL</b> + degassing kit
Liquid	ARPEGE140N-L-1	ARPEGE140N-L-101	ARPEGE140N-L-102	ARPEGE140N-L-103
Gas	-	-	ARPEGE140N-G-102	ARPEGE140N-G-103

### Inventory systems

	Storage type	Designation	Reference
Liquid	Straws	1 rack 3 levels for straws without visotube (max. 6 racks per container)	ACC-RACK-24
		Set of 6 racks	ACC-RACK-113
	Cryo-vials 2 ml	1 rack 8 levels for 1,2/2 ml vials (max. 6 racks per container)	ACC-RACK-19
		Set of 6 racks	ACC-RACK-103
	Cryo-vials 5 ml	1 rack 4 levels for 5 ml vials (max. 6 racks per container)	ACC-RACK-20
		Set of 6 racks	ACC-RACK-107
	Bags 25 ml	1 rack 5 levels (capacity 55 bags, max. 6 racks per container)	ACC-RACK-216
		Set of 6 racks	ACC-RACK-215
Gas	Straws	1 rack 3 levels for straws without visotube (max. 6 racks per container)	ACC-RACK-24
		Set of 6 racks	ACC-RACK-113
	Cryo-vials 2 ml	1 rack 7 levels for 1.2/2 ml vials (max. 6 racks per container)	ACC-RACK-312
		Set of 6 racks	ACC-RACK-302
	Cryo-vials 5 ml	1 rack 3 levels for 5 ml vials (max. 6 racks per container)	ACC-RACK-313
		Set of 6 racks	ACC-RACK-306
	Bags 25 ml	1 rack 4 levels (capacity 44 bags, max. 6 racks per container)	ACC-RACK-218
		Set of 6 racks	ACC-RACK-217

### Accessories

Storage type	Designation	Reference
Straws	Set of 100 visotubes with lid $\varnothing$ 12 mm	ACC-BOXTUBE-5
Cryo-vials 1.2-2 ml	Set of 50 2 ml round bottom vials with white lid	ACC-BOXTUBE-11
	Set of 10 boxes 133 x 133 x 51 mm (capacity 100 vials)	ACC-BOXTUBE-104
Cryo-vials 5 ml	Set of 50 5 ml round bottom vials with white lid	ACC-BOXTUBE-16
	Set of 4 boxes 133 x 133 x 95 mm (capacity 81 vials)	ACC-BOXTUBE-107
Other accessories	Lockable roller base (height: 220 mm)	ACC-ALU-30
	Container fixation kit for roller base (option)	ACC-ALU-32
	Flexible DN10 180/180 for nitrogen L = 1.5 m	ACC-FL180180NL-15



# ARPEGE 170

## References

### Cryogenic containers ARPEGE 170

	<b>SIMPLE</b> Container without electronic	<b>INITIAL</b> <b>SIMPLE</b> + CRYOMEMO	<b>ESSENTIAL</b> <b>INITIAL</b> + automatic filling	<b>ESSENTIAL +</b> <b>ESSENTIAL</b> + degassing kit
Liquid	ARPEGE170N-L-1	ARPEGE170N-L-101	ARPEGE170N-L-102	ARPEGE170N-L-103
Gas	-	-	ARPEGE170N-G-102	ARPEGE170N-G-103

### Inventory systems

	Storage type	Designation	Reference
Liquid	Straws	1 rack 4 levels for straws without visotube (max. 6 racks per container)	ACC-RACK-25
		Set of 6 racks	ACC-RACK-114
	Cryo-vials 2 ml	1 rack 10 levels for 1.2/2 ml vials (max. 6 racks per container)	ACC-RACK-21
		Set of 6 racks	ACC-RACK-104
	Cryo-vials 5 ml	1 rack 5 levels for 5 ml vials (max. 6 racks per container)	ACC-RACK-22
		Set of 6 racks	ACC-RACK-108
Bags 25 ml	1 rack 6 levels (capacity 66 bags, max. 6 racks per container)	ACC-RACK-220	
	Set of 6 racks	ACC-RACK-219	
Gas	Straws	1 rack 4 levels for straws without visotube (max. 6 racks per container)	ACC-RACK-25
		Set of 6 racks	ACC-RACK-114
	Cryo-vials 2 ml	1 rack 9 levels for 1.2/2 ml vials (max. 6 racks per container)	ACC-RACK-314
		Set of 6 racks	ACC-RACK-303
	Cryo-vials 5 ml	1 rack 4 levels for 5 ml vials (max. 6 racks per container)	ACC-RACK-315
		Set of 6 racks	ACC-RACK-307
	Bags 25 ml	1 rack 5 levels (capacity 55 bags, max. 6 racks per container)	ACC-RACK-222
		Set of 6 racks	ACC-RACK-221

### Accessories

Storage type	Designation	Reference
Straws	LOT de 100 visotubes avec bouchon Ø 12 mm	ACC-BOXTUBE-5
Cryo-vials 1.2-2 ml	LOT de 50 cryo-tubes 2 ml à fond rond et bouchon blanc	ACC-BOXTUBE-11
	LOT de 10 boîtes 133 x 133 x 51 mm (capacité 100 tubes)	ACC-BOXTUBE-104
Cryo-vials 5 ml	LOT de 50 cryo-tubes 5 ml à fond rond et bouchon blanc	ACC-BOXTUBE-16
	LOT de 4 boîtes 133 x 133 x 95 mm (capacité 81 tubes)	ACC-BOXTUBE-107
Other accessories	Lockable roller base (height: 220 mm)	ACC-ALU-30
	Container fixation kit for roller base (option)	ACC-ALU-32
	Flexible DN10 180/180 for nitrogen L = 1.5 m	ACC-FL180180NL-15





# ARPEGE 55

## References

### Cryogenic containers ARPEGE 55

	<b>SIMPLE</b> Container without electronic	<b>INITIAL</b> SIMPLE + CRYOMEMO	<b>ESSENTIAL</b> INITIAL + automatic filling	<b>ESSENTIAL +</b> ESSENTIAL + degassing kit
Liquid	ARPEGE55N-L-1	ARPEGE55N-L-101	ARPEGE55N-L-102	ARPEGE55N-L-103

### Inventory systems

	Storage type	Designation	Reference
Liquid	<b>Straws</b>	Set of 21 canisters + 63 goblets for straws	ACC-PLASCAN-109
	<b>Cryo-vials 2 ml</b>	Set of 6 racks 9 levels for 2 ml vials	ACC-RACK-109
		Set of 21 canisters <sup>(1)</sup> + 21 goblets for 1.2/2 & 5 ml vials	ACC-PLASCAN-108
	<b>Cryo-vials 5 ml</b>	Set of 21 canisters <sup>(1)</sup> + 21 goblets for 1.2/2 & 5 ml vials	ACC-PLASCAN-108
	<b>Bags 70 ml</b>	1 rack 1 level for DF700 bag (capacity 6 bags, max. 4 racks per container)	ACC-RACK-11

### Accessories

	Storage type	Designation	Reference
	<b>Straws</b>	Set of 20 standard goblets Ø 65 mm	ACC-BOXTUBE-301
		Set of 5 "daisy" goblets Ø 65 mm with lid	ACC-BOXTUBE-302
		Set of 10 goblets with holes Ø 65 mm with lid	ACC-BOXTUBE-415
		Lifter for 2-levels canister	ACC-BOXTUBE-405
		1 plastic canister 3 levels	ACC-PLASCAN-2
	<b>Cryo-vials 1.2-2 ml</b>	Set of 50 2 ml round bottom vials with white lid	ACC-BOXTUBE-11
		Set of 10 metallic vial holder rods for 6 vials (2 ml)	ACC-BOXTUBE-411
		Set of 20 standard goblets Ø 65 mm	ACC-BOXTUBE-301
		Lifter for 2-levels canister	ACC-BOXTUBE-405
		1 plastic canister 2 levels	ACC-PLASCAN-1
	<b>Cryo-vials 5 ml</b>	Set of 50 5 ml round bottom vials with white lid	ACC-BOXTUBE-16
		Set of 10 metallic vial holder rods for 3 vials	ACC-BOXTUBE-411
		Set of 20 standard goblets Ø 65 mm	ACC-BOXTUBE-301
		Lifter for 2-levels canister	ACC-BOXTUBE-405
		1 plastic canister 2 levels	ACC-PLASCAN-1
	<b>Bags 700 ml</b>	Set of 300 cardboard cases 15 x 155 x 281 mm	ACC-BOXTUBE-253
<b>Other accessories</b>		Lockable roller base (height: 220 mm)	ACC-ALU-29
		Container fixation kit for roller base (option)	ACC-ALU-32
		Flexible DN10 180/180 for nitrogen L = 1.5 m	ACC-FL180180NL-15

<sup>(1)</sup> 20 canisters if equipped with CRYOMEMO



# ARPEGE 75

## References

### Cryogenic containers ARPEGE 75

	<b>SIMPLE</b> Container without electronic	<b>INITIAL SIMPLE + CRYOMEMO</b>	<b>ESSENTIAL INITIAL + automatic filling</b>	<b>ESSENTIAL + ESSENTIAL + degassing kit</b>
Liquid	ARPEGE75N-L-1	ARPEGE75N-L-101	ARPEGE75N-L-102	ARPEGE75N-L-103

### Inventory systems

	Storage type	Designation	Reference
Liquid	<b>Straws</b>	Set of 21 canisters <sup>(1)</sup> + 84 goblets for straws	ACC-PLASCAN-107
	<b>Cryo-vials 2 ml</b>	Set of 6 racks 12 levels for 2 ml vials	ACC-RACK-110
		Set of 21 canisters <sup>(1)</sup> + 42 goblets for 1.2/2 & 5 ml vials	ACC-PLASCAN-110
	<b>Cryo-vials 5 ml</b>	Set of 21 canisters <sup>(1)</sup> + 42 goblets for 1.2/2 & 5 ml vials	ACC-PLASCAN-110
	<b>Bags 700 ml</b>	1 rack 2 levels for DF700 bag (capacity 12 bags, max. 4 racks per container)	ACC-RACK-32

### Accessories

	Storage type	Designation	Reference
	<b>Straws</b>	Set of 20 standard goblets Ø 65 mm	ACC-BOXTUBE-301
		Set of 5 "daisy" goblets Ø 65 mm with lid	ACC-BOXTUBE-302
		Set of 10 goblets with holes Ø 65 mm with lid	ACC-BOXTUBE-415
		Lifter for 2-levels canister	ACC-BOXTUBE-405
		1 plastic canister 4 levels	ACC-PLASCAN-4
	<b>Cryo-vials 1.2-2 ml</b>	Set of 50 2 ml round bottom vials with white lid	ACC-BOXTUBE-11
		Set of 10 metallic vial holder rods for 6 vials (2 ml)	ACC-BOXTUBE-411
		Set of 20 standard goblets Ø 65 mm	ACC-BOXTUBE-301
		Lifter for 2-levels canister	ACC-BOXTUBE-405
		1 plastic canister 2 levels	ACC-PLASCAN-1
	<b>Cryo-vials 5 ml</b>	Set of 50 5 ml round bottom vials with white lid	ACC-BOXTUBE-16
		Set of 10 metallic vial holder rods for 3 vials	ACC-BOXTUBE-411
		Set of 20 standard goblets Ø 65 mm	ACC-BOXTUBE-301
		Lifter for 2-levels canister	ACC-BOXTUBE-405
		1 plastic canister 2 levels	ACC-PLASCAN-1
	<b>Bags 700 ml</b>	Set of 300 cardboard cases 15 x 155 x 281 mm	ACC-BOXTUBE-253
<b>Other accessories</b>		Lockable roller base (height: 220 mm)	ACC-ALU-29
		Container fixation kit for roller base (option)	ACC-ALU-32
		Flexible DN10 180/180 for nitrogen L = 1.5 m	ACC-FL180180NL-15

<sup>(1)</sup> 20 canisters if equipped with CRYOMEMO

# Our customized services



## Turnkey solutions

Cryopal offers turnkey solutions. We can design, develop, and install your cryogenic equipment, including containers and piping systems:

- ✓ Cryobanking room design
- ✓ Advice and assistance with decision-making
- ✓ Installation
- ✓ Technical assistance
- ✓ Risk analysis
- ✓ Installation qualification (IQ), operational qualification (OQ), and equipment performance qualification (PQ)



## Training

The Cryopal training center is fitted with specialized technical training facilities. Our team of experts provide relevant technical training that can immediately make a difference:

- Training on product handling, operations in the cryobanking room, equipment maintenance, and personal safety
- Customized training and workshops to gain, improve, and maintain your occupational expertise



## Auditing

In accordance with current regulations, Cryopal offers customized audits of your cryogenic facilities, including assessment, investigation, and inspection.

**Objectives:**

- To anticipate risks
- To understand and identify equipment and service needs
- To provide technical assistance and on-going support
- To obtain certification



## Long-term leasing

Cryopal provides leasing solutions for cryogenic equipment to meet all your needs:

- A wide range of equipment available
- Transportation, logistics, installation, and on-site start-up
- Qualification



## Technical assistance and maintenance

Our technical experts are available to help you manage and get the most out of your equipment:

- Preventive maintenance program
- Technical assistance provided on-site or in our workshops
- On-site assistance with analyzing, diagnosing, trouble-shooting, and technical support
- Guaranteed original spare parts
- Regulatory maintenance

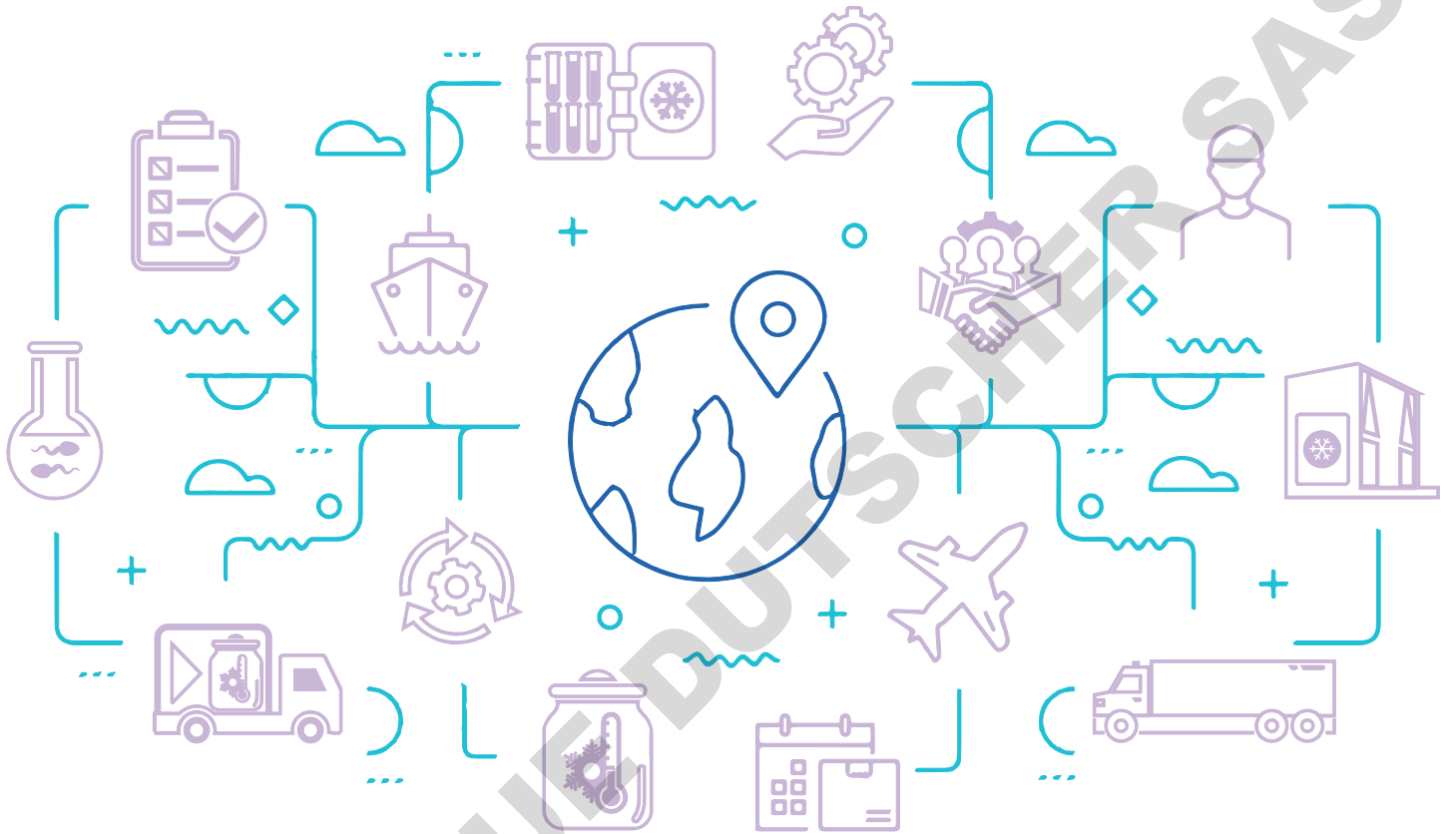
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