

The ARPEGE range

Optimising storage
of samples in vials
or straws



The ARPEGE range

New range of medium capacity containers, ARPEGE units are used for keeping small-sized biological products. They are designed to make your job easier and more efficient.

ARPEGE UNITS ADAPT TO CHANGES IN CRYOBIOLOGY.

The increasing number of applications calls for great flexibility in terms of capacity and type of storage. With 7 containers and an unequalled range of attachments, all needs are satisfied.

The value of samples makes managing data on their conservation an essential requirement. Liquid level and temperature indication, automatic filling system, alarms, recording of traceability data, computerised management of stored products, ARPEGE units guarantee optimal conservation conditions.



EXTRAS THAT MAKE THE DIFFERENCE

Choice of attachments

For every type of vial (2ml or 5ml), there is an appropriate attachment (ARPEGE 70/110/140/170).

The individual box locking system guards against the risk of samples falling (AIR LIQUIDE patent).

The new attachment for straws gives instant access to products and better structured storage.

Monitoring conservation

A complete range of electronic monitoring and control systems is available as an option:

ARPEGE units are in every way equal to the biggest containers.

The stock of samples can be managed on computer by means of Coolbase, a user-friendly database program.

Safety

The new degassing kit prevents gas from being introduced into the container during automatic filling (ARPEGE 55 and 75).



ARPEGE RANGE

Caracteristics	ARPEGE 40	ARPEGE 70	ARPEGE 110	ARPEGE 140	ARPEGE 170	ARPEGE 55	ARPEGE 75
DIMENSIONS							
Useful capacity (l)	40	72	116	144	172	55	72
Diameter of neck (mm)	120	215	215	215	215	378	378
Weight empty with equipment (kg)	25	33	42	50	56	31	37
Weight full with equipment (kg)	57	91	136	166	195	75	95
External diameter (mm)	467	586	586	683	683	468	468
Overall height (mm)	735	738	962	911	1028	755	930
CONSUMPTION							
Daily evaporation (l/day)*	0,29	0,6	0,65	0,65	0,7	2,4	2,5
Static holding time (days)*	140	130	193	222	246	23	29
Dynamic holding time (days)**	88	82	121	139	154	14	18
STORAGE CAPACITY OF 2ML VIALS							
Number of racks	6	4	4	6	6	6***	6***
Number of stages (2ml vials)	5	5	9	8	10	9	12
Size of boxes (mm)	76x76	133x133				Triangular drawers	
Total capacity of 2ml vials	750	2000 (100/box)	3600 (100/box)	4800 (100/box)	6000 (100/box)	3618	4824
STORAGE CAPACITY OF 5ML VIALS							
Number of racks	-	4	4	6	6	21 canisters	21 canisters
Number of stages (5ml vials)	-	3	5	4	5	1	2
Total capacity of 5ml vials	-	972	1620	1944	2430	1071 (on holding canes)	2142 (on holding canes)
STORAGE CAPACITY OF STRAWS							
Number of racks	-	4	4	6	6	21 canisters	21 canisters
Number of stages	-	2	3	3	4	3	4
Total capacity 0,25ml	-	19040	28560	42840	57120	51660	68880
Total capacity 0,5ml	-	6800	10200	15300	20400	22995	30600
Total capacity CBS 0,5ml	-	4760	7140	10710	14280	14175	18900
STORAGE CAPACITY OF BAGS							
Total capacity of DF700	-	-	-	-	-	24	48
Other bags	-	-	-	-	-	Contact us	

* Daily evaporation and static holding time are measured at 20°C, 1013 mb, vessel stationary, lid closed, and without inventory system. These values are nominal and can vary according to the history of the vessel and the manufacturing tolerances

** Dynamic holding time is an indicative and arbitrary figure corresponding to generally observed conditions of use

*** 5 racks only in the case of the electronic option / **** In case of electronic option, contact us / CE: The ARPEGE range complies with current European directives

AIR LIQUIDE reserves the right to modify the information contained in this document without notice.

CONTAINER MONITORING AND CONTROL

	2ml vial standard racks attachment	Temperature indicator	Level indicator	Automatic filling	Remote control 4/20mA	Remote control RS485	Degassing option
ARPEGE 40	NH98100	●					
	NH101930	●	●				
	NH101931	●		●			
	NH101932	●	●	●			
	NH97711	●					
ARPEGE 70	NH101940	●	●				
	NH101941	●		●			
	NH101942	●	●	●			
	NH101943	●	●	●	●		
	NH101944	●	●	●	●		
	NH101945	●	●	●	●	●	
ARPEGE 110	NH101946	●	●	●		●	
	NH98023	●					
	NH101950	●	●				
	NH101951	●		●			
	NH101952	●	●	●			
	NH101953	●		●	●		
	NH101954	●	●	●	●		
ARPEGE 140	NH101955	●	●	●	●		
	NH101956	●	●	●		●	
	NH98400	●					
	NH101960	●	●				
	NH101961	●		●			
	NH101962	●	●	●			
	NH101963	●		●	●		
ARPEGE 170	NH101964	●	●	●	●		
	NH101965	●	●	●	●	●	
	NH101966	●	●	●	●		●
	NH98046	●					
	NH101970	●	●				
	NH101971	●		●			
	NH101972	●	●	●			
ARPEGE 55	NH101973	●	●	●			
	NH101974	●	●	●	●		
	NH101945	●	●	●	●	●	
	NH101976	●	●	●	●		●
	NH98519	●					
	NH101980	●		●			
	NH010981	●	●	●			
ARPEGE 75	NH101982	●	●	●			NH98856
	NH101983	●	●	●	●		NH98856
	NH98520	●					
	NH101990	●		●			
	NH101991	●	●	●			
	NH101992	●		●	●		NH98856
	NH101993	●	●	●	●		NH98856



ARPEGE AND STANDARD ATTACHMENTS - 2ML VIALS

STANDARD ATTACHMENT SPARES

ARPEGE 40

- Set of 6 vertical racks 5 levels for 1.2/2 ml REF: NH97787-1
- Vertical rack 5 levels for 1.2/2 ml vials REF: NH100226

ARPEGE 70

- Set of 4 vertical racks for 1.2/2 ml vials REF: NH97833-1
- Vertical rack 5 levels for 1.2/2 ml vials REF: NH100227

ARPEGE 110

- Set of 4 vertical racks 9 levels for 1.2/2 ml vials REF: NH97833-3
- Vertical rack 9 levels for 1.2/2 ml vials REF: NH100229

ARPEGE 140

- Set of 6 vertical racks for 1.2/2 ml vials REF: NH97833-4
- Vertical rack 8 levels for 1.2/2 ml vials REF: NH100231

ARPEGE 170

- Set of 6 vertical racks for 1.2/2 ml vials REF: NH97833-5
- Vertical rack 10 levels for 1.2/2 ml vials REF: NH100233

ARPEGE 55

- Set of 6 vertical racks for 1.2/2 ml vials REF: NH99121
- Rack with drawers for 1.2/2 ml vials REF: NH99121-X

ARPEGE 75

- Set of 6 vertical racks for 1.2/2 ml vials REF: NH99122
- Vertical rack 12 drawers for 1.2/2 ml vials REF: NH99122-X



10 levels rack



9 levels rack



5 levels rack



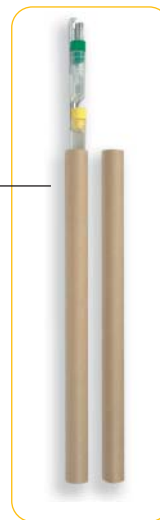
Sight vials

Rack with drawers
for Arpege 55 and 75



Vials

Protecting vials





racks for straws



racks for bags

ARPEGE AND NON-STANDARD ATTACHMENTS (Continued) excluding 2ml

ARPEGE WITHOUT INTERNAL ATTACHMENTS

ARPEGE

ARPEGE 70 without equipment	NH101985
ARPEGE 110 without equipment	NH101986
ARPEGE 140 without equipment	NH101987
ARPEGE 170 without equipment	NH101988
ARPEGE 55 without equipment	NH98965
ARPEGE 75 without equipment	NH98966
ARPEGE 40 without equipment	NH101979

ATTACHMENTS FOR ARPEGE

(For the quantity of sample stored, refer to document NH78300)

ARPEGE 70

• For 5 ml vials

Set of 4 vertical racks for 5 ml vials	NH97861-1
Vertical rack 3 levels for 5 ml vials	NH100228
133x133x95 cryoplastic racks capacity 81 x 5 ml vials	1700087

• For 0.25/0.5 & 0.5 straws CBS

Set of 4 vertical racks for straws (without sight vial)	NH99123-1
Vertical rack 2 levels for straws (without sight vial)	NH101068
Sight vial (x 680 for ARPEGE 70)	NH98516

ARPEGE 110

• For 5 ml vials

Set of 4 vertical racks 5 levels for 5 ml vials	NH97861-3
Single vertical rack 5 levels for 5 ml vials	NH100230
133 x 133 x 95 cryoplastic racks capacity 81 x 5 ml vials	1700087

ARPEGE 140

• For 5 ml vials

Set of 6 vertical racks 4 levels for 5 ml vials	NH97861-4
Single vertical rack 4 levels for 5 ml vials	NH100232
133 x 133 x 95 cryoplastic racks capacity 81 x 5 ml vials	1700087

• For 0.25/0.5 & 0.5 straws CBS

Set of 6 vertical racks for straws (without sight vial)	NH99123-3
Vertical rack 3 levels for straws (without sight vial)	NH101070
Sight vial (x 1530 for ARPEGE 140)	NH98516

ARPEGE 170

• For 5 ml vials

Set of 6 vertical racks 5 levels for 5 ml vials	NH97861-5
Single vertical rack 5 levels for 5 ml vials	NH100234
133 x 133 x 95 cryoplastic racks capacity 81 x 5 ml vials	1700087

• For 0.25/0.5 & 0.5 straws CBS

Set of 6 vertical racks 4 levels for straws 4 levels	NH99123-4
Single vertical rack 4 levels for straws (without sight vial)	NH101071
Sight vial (x 2040 for ARPEGE 170)	NH98516

ARPEGE 55

• For bag DF700

Vertical rack 1 level for DF700	2H98037
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• For 1.2/2 & 5 ml vials in canisters

Set of (21 canisters + 21 goblets) for 1.2/2 & 5 ml vials	NH93224
x 10 Cryovial carrier: 6 x 2 ml vials; 3 x 5 ml vials (x 357 for ARPEGE 55)	1700030
Plastic canister 3 levels for 1.2/2 & 5 ml vial	700034
Goblet diam. 65	1700032

• For 0.25/0.5 & 0.5 straws CBS

Set of (21 canisters + 63 goblets) for straws	NH93229
Plastic canister 3 levels for straws	1700034
Goblet diam. 65	1700032

ARPEGE 75

• For vials DF700

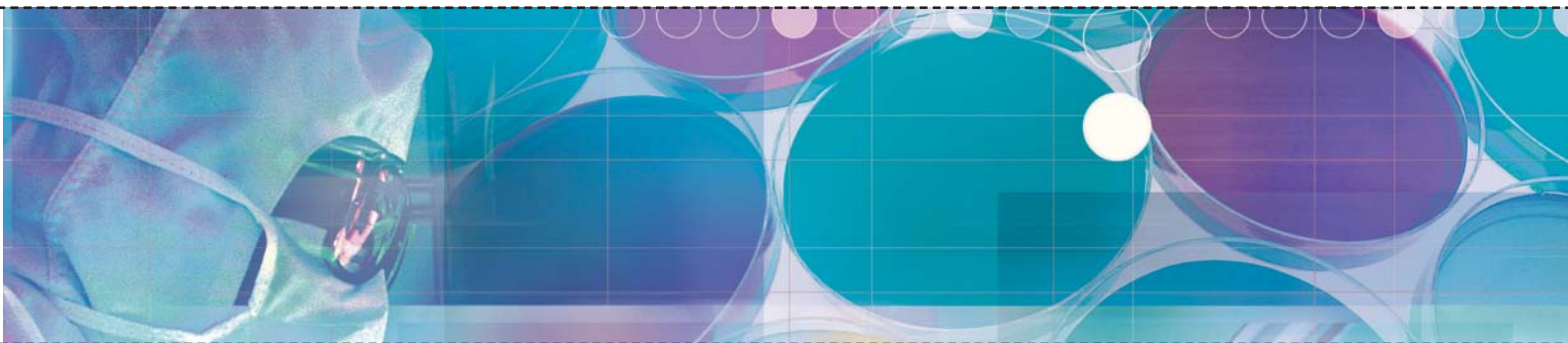
Vertical rack 2 levels for DF700, 4 racks 2 levels, 12 bags/rack	1H98038
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• For 1.2/2 & 5 ml vials

Set of (21 canisters + 42 goblets) for 1.2/2 & 5 ml vial	NH99126
x 10 Cryovial carrier: 6 x 2 ml vials; 3 x 5 ml vials (x 714 for ARPEGE 75)	1700030
Plastic canister 4 levels for 1.2/2 & 5 ml vial	1700036
Goblet diam. 65	1700032

• For 0.25/0.5 & 0.5 straws CBS

Set of (21 canisters + 84 goblets) for straws	NH93215
Plastic canister 4 levels for straws	1700036
Goblet diam. 65	1700032



ARPEGE AND NON-STANDARD ATTACHMENTS (Continued) excluding 2ml

BOXES

• 76*76*51	cryoplastic boxes capacity 25 x 2ml vials (each) REF: 1700085
• 133*133*51	cryoplastic boxes capacity 81 x 2 ml vials (each) REF: 1700086
• 133*133*51	cryoplastic boxes capacity 100 vials (system 100, each) REF: 1700084
• 133*133*95	cryoplastic boxes capacity 81 vials 5ml REF: 1700087
• Clips for boxes	REF: 3H9520SZ



Clips



Boxes

VIALS

Vial features	White cap	Red cap	Blue cap	Green cap	Yellow cap
2ml vials round bottomed	HZ 016000	HZ 016001	HZ 016002	HZ 016003	HZ 016004
1ml vials with skirt	HZ 016010	HZ 016011	HZ 016012	HZ 016013	HZ 016014
5ml vials round bottomed	HZ 016100	HZ 016101	HZ 016102	HZ 016103	HZ 016104

ACCESSOIRES

ROLLER BASES

• Roller base ARPEGE 40/55/75	REF: NH92848
• Roller base ARPEGE 70/110	REF: NH98155
• Roller base ARPEGE 140/170	REF: NH93463



Roller bases

FILLING

Manual: use a 130 TC flexible hose (ref.: FL180TCNLF08) / Automatic: use a 130/130 flexible hose (ref.: FL180180NLF11)

Contact

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