

# *The GT range*

For keeping  
small samples  
in liquid nitrogen.



# The GT range

Designed for storing small sized samples, GT containers and their accessories meet your needs by offering you two ranges - Extended Holding time and Large Capacity.

Built in aluminium with super-insulation and resin neck to combine thermal efficiency, lightness and strength.

The polyurethane paintwork gives the container a quality finish and remarkably long life.

The containers are made in accordance with extremely strict internal quality assurance rules (ISO 9001 version 2000).

All GTs comply with international regulations applicable to the transport of dangerous materials by land, air or rail.

(A level rod for checking the level is available as standard on the whole GT range)

## GT EXTENDED HOLDING TIME

The containers in this range evaporate very little nitrogen and have an exceptionally long operating time.

To best tailor your container to your requirements, you can choose between two types of canister: metal or plastic, available with 1 or 2 levels (GT11/21/35).



## GT LARGE CAPACITY

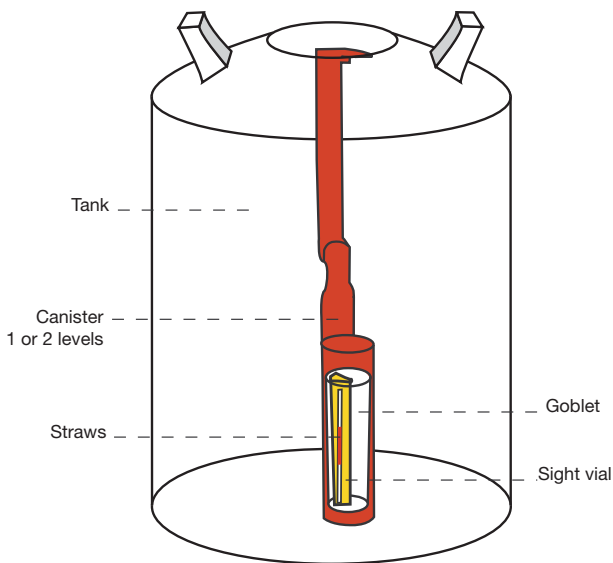
The containers in this range are specially designed to conserve a large number of samples in a smaller volume.

AIR LIQUIDE offers you the most complete range on the market: 7 different models, 7 opportunities to find the container that exactly matches your requirements.

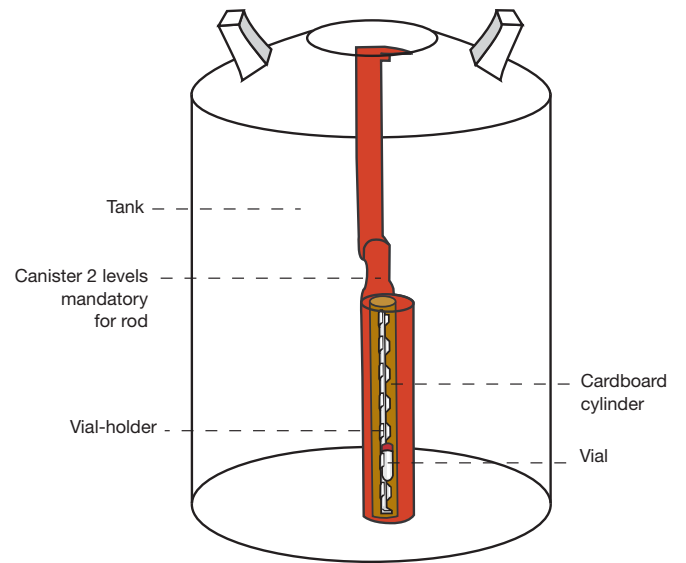
With the NATAL, AIR LIQUIDE enables you to satisfy needs for traceability in cryoconservation (until now not available for small containers) allowing measurements of the temperature and level.



## GT LAYOUTS



Layout for Straws



Layout for Vials

### GOBLET

Features	Goblets	
Diameter (mm)	65	35
Height (mm)	118	108
References	1700032	1700031



Vials



Goblet

### VIALS

Vials features	White cap	Red cap	Blue cap	Green cap	Yellow cap
Cryotubes 2ml round bottomed	HZ 016000	HZ016001	HZ016002	HZ016003	HZ016004
Cryotubes 1ml with skirt	HZ016010	HZ016011	HZ016012	HZ016013	HZ016014
Cryotubes 5ml round bottomed	HZ016100	HZ16101	HZ016102	HZ016103	HZ016104

(Packed in bags of 100 by colour)

### VIAL HOLDER AND CYLINDER

Vertical metallic vial-holder	Cylinder
1700030	HZ016500



Cylinder



## ACCESSORIES

### ROLLER BASES

Roller base for GT 21 with fixing	REF: NH94406
Roller base for GT 26,35,38,40, Natal 40	REF: NH92848

### PROTECTIVE CASINGS

Cardboard protective casing for GT 2	REF: NH101835
Cardboard protective casing for GT 9/GT 14	REF: NH101836
Cardboard protective casing for GT 18	REF: NH101837
Cardboard protective casing for GT 21	REF: NH101838
Cardboard protective casing for GT 35/GT 40	REF: NH101839

### CANISTER LIDS (STANDARD ON THE PLASTIC CANISTER RANGE)

Set of 6 tops for plastic canisters diam. 35	REF: NH94776
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### LEVEL RODS (STANDARD ON THE ENTIRE RANGE)

Level rod	REF: 3H35583
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### LIDS

Lid for GT2	REF: NH35573
Lid for GT2R	REF: NH42253
Lid for GT3/GT7/GT9	REF: NH23474
Lid for GT11/GT21	REF: NH26795
Lid for GT14/6, GT18	REF: NH30322
Lid for GT14/9	REF: NH31632
Lid for GT3/GT7/GT9 fitted to stainless steel canisters	REF: NH94569-2
Lid for GT11/GT21/GT35 fitted to stainless steel canisters	REF: NH94569-1

### LEAFTERS

Leafters for canister 2 levels Diam: 65	REF: 1700041
Leafters for canister 2 levels Diam: 35	REF: 4H100214

### GOBLETS

Goblet Diam: 35	REF: 1700031
Goblet Diam: 65	REF: 1700032
Set of 5 "Marguerite" for 65 mm goblets	REF: 1700178

### SIGHT VIALS

Hexagon sight vial	REF: 1700072
Polygon sight vial	REF: 1700108
10 mm sight vials	REF: 1700100
12 mm sight vials	REF: 1700131

Roller base



protective casing



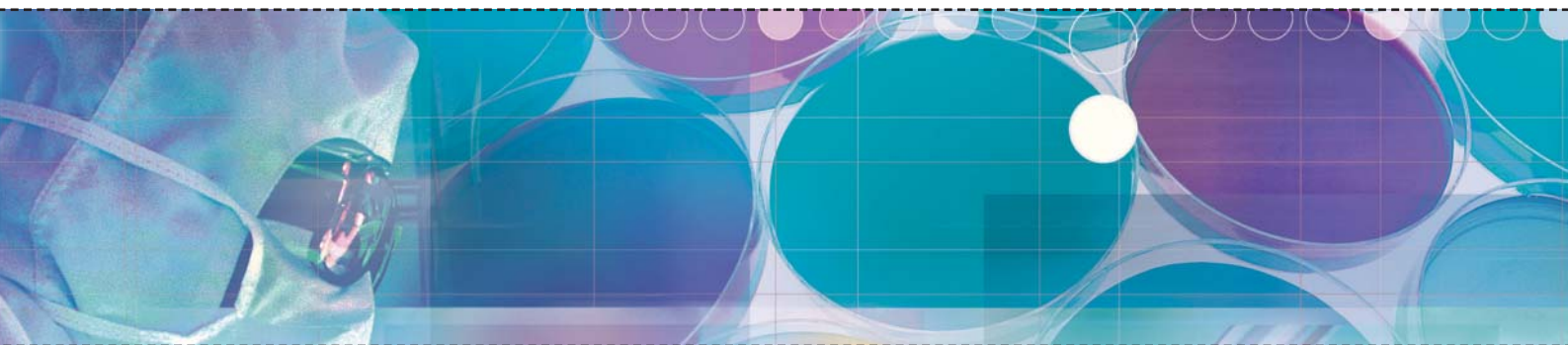
Canister lids



Marguerite goblet



Level rod



## GT LONG HOLDING TIME RANGE

Features	GT 2	GT 3	GT 7	GT 9	GT 11	GT 21	GT 35
Useful capacity (l)	2	3,7	7,1	9,3	12,2	21,5	33,6
Diameter of neck (mm)	30	50	50	50	50	50	50
Weight empty (kg)	1,9	4,5	7,2	8,2	9,2	13	15
Weight full (kg)	3,5	7,5	12,9	15,7	19	30,4	43
External diameter (mm)	174	248	308	358	308	388	468
Total height (mm)	392	405	480	450	630	660	660
Daily evaporation (l/D)*	0,08	0,11	0,11	0,11	0,09	0,09	0,09
Static holding time (d)*	25	33	65	84	130	225	350
Dynamic holding time (d)**	15	21	41	50	80	140	219
Number of canisters	3	6	6	6	6	6	6
Types of canister	plastic			plastic and stainless steel			
Diameter of canisters (mm)	26	38	38	38	38	38	38
Height of canisters (mm)	120	120	120	120	120 ou 280	120 ou 280	120 ou 280
Number of levels of goblets	1	1	1	1	1 ou 2	1 ou 2	1 ou 2
Max. capacity 0,25ml straws	330	1560	1560	1560	1560 3120	1560 3120	1560 3120
Max. capacity 0,5ml straws	150	720	720	720	720 1440	720 1440	720 1440
Max. capacity 2ml vials (On vial-holder rods in canisters 2 levels)	-	-	-	-	180	180	180

## GT LARGE CAPACITY RANGE

Features	GT 14/6	GT 14/9	GT 18	GT 26	GT 38	GT 40	NATAL NT
Useful capacity (l)	13,5	13,5	17,5	26,7	37	40	40
Diameter of neck (mm)	80	80	80	80	80	120	120
Weight empty (kg)	9,5	9,5	10,5	14,8	19	24	24
Weight full (kg)	20,4	20,4	25	36	49	57	57
External diameter (mm)	358	358	308	468	468	468	468
Total height (mm)	455	455	580	460	715	710	710
Daily evaporation (l/D)*	0,24	0,24	0,26	0,29	0,15	0,29	0,29
Static holding time (d)*	57	57	69	90	245	140	140
Dynamic holding time (d)***	36	36	43	56	153	88	88
Number of canisters (stainless steel)	6	9	6	9	6	10	10
Diameter of canisters (mm)	67	44	67	67	67	73	73
Height of canisters (mm)	120	120	280	110	280	280	280
Number of levels of goblets	1	1	2	1	2	2	2
Total capacity 0,25ml straws	4920	2925	9840	7380	9840	16400	16400
Total capacity 0,5ml straws	2170	1305	4380	3285	4380	7300	7300
Total capacity 2ml vials (on vial-holder rods)	-	-	612	-	612	1200	1200
Total capacity 5ml vials (on vial-holder rods)	-	-	306	-	306	600	600
Level control indicator with alarm	No	No	No	No	No	No	Yes
Digital temperature indicator with alarm	No	No	No	No	No	No	Yes

\* The daily evaporation and static holding time are given for 20°C, 1013mb, container stationary lid closed and without attachment. These are nominal values and may vary according to the history of the container and manufacturing tolerances. / \*\* Indicative value that may vary greatly in accordance with the filling time.

\*\*\* The dynamic holding time is arbitrary, indicative data that represents normal conditions of use.

IEC: the NATAL range complies with current European directives.

## ACCESSORIES (CONTINUED)

### CANISTERS

#### FOR GT3

Set of 6 plastic canisters	NH42740
Set of 6 stainless steel canisters	NH94472-4

#### FOR GT7

Set of 6 plastic canisters	NH42739
Set of 6 stainless steel canisters	NH94472-3

#### FOR GT9 - BT8

Set of 6 plastic canisters	NH35615
Set of 6 stainless steel canisters	NH94472-5

#### FOR GT11 - BT11

Set of canisters 2 levels (GT11) Plastic	NH35631
Set of canisters 2 levels (BT11) Plastic	NH35622
Set of canisters 1 level stainless steel (GT11)	NH94472-2
Set of canisters 2 levels stainless steel (GT11)	NH94472-1

#### FOR GT14/6 - BT13/6

Stainless steel canister Dia 65 mm (each)	NH36768
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#### FOR GT14/9 - BT13/9

Stainless steel canister Dia 44 mm (each)	NH31521
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#### FOR GT18 - BT17

Stainless steel canister 2 levels (each)	NH31357
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#### FOR GT21 - BT21 - DX22

Set of 6 canisters 1 level	NH35620
Set of 6 canisters 2 levels	NH35631
Set of stainless steel canisters 1 level	NH94472-2
Set of stainless steel canisters 2 levels	NH94472-1

#### FOR GT26 - BT26

Stainless steel canister (each)	NH33090
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#### FOR GT28

Stainless steel canister (each)	NH96039
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#### FOR GT35 - BT34 - DX36 (plastic canisters )

Set of canisters 1 level	NH35620
Set of canisters 2 levels	NH35631
Set of canisters 1 level stainless steel (GT35)	NH94472-2
Set of canisters 2 levels stainless steel (GT35)	NH94472-1

#### FOR GT38 - BT37

Stainless steel canister (each)	NH31358
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#### FOR GT40 - BT40 - NATAL40

Stainless steel canister (each)	NH23582
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Stainless steel canisters



Plastic canisters

### Contact

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