



Index



100+
qualified professionals

55+
years of experience

90+
countries

Annual production
> 20 000
containers
of 0,3 to 2000 liters

Our missions



Supporting
scientific
research



Improving
access to healthcare
for everyone



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

In fields such as oxygen therapy, dermatology, health and research, cryobanking, pharmaceutical industry, animal health...

Cryogenic containers for storing of your biological samples

GT

2
9
11
21
26
35
40



Key benefits

- > Narrow neck for greater autonomy or wide neck for greater storage capacity
- > Lightweight and resistant thanks to their aluminium design
- > Capacity up to 16400 straws or 1200 cryo-tubes
- > Stainless steel or polycarbonate canisters



Discover the GT range: Ideal for cryopreservation thanks to its 7 different models from 2 to 40 litres, 7 opportunities to find the container that meets your exact requirements. Made from aluminium, these containers are both light and strong. Their performance is enhanced by a 6-year vacuum guarantee, ensuring optimal, long-lasting preservation.

GT range can be locked using seals or padlocks (not supplied), except for the GT2



Sereny-T°
LOGGER
traceability solution for simple, high-performance temperature recording



Les GT 9, 11, 21 et 35 are available in plastic or stainless-steel canisters with 1 or 2 levels



Plastic canisters are supplied as standard with anti-flotation systems.

The containers in the GT range are Class IIa medical devices - GMDN Code 16534.

Vos besoins

Choose the size of your container according to your storage requirements.



	GT2	GT9	GT11	GT21	GT26	GT35	GT40
Number of polycarbonate canisters	3	6	6	6	-	6	-
Number of stainless steel canisters	-	6	6	6	9	6	10
Canister diameter mm	26	38	38	38	67	38	73
Number of canister levels	1	1	1 or 2	1 or 2	1	1 or 2	2
Height of canisters mm	120	120	120 or 280	120 or 280	110	120 or 280	280

STRAWS

Standard goblets (in canisters)

0,25ml	330	1200	1200/2400	1200/2400	7380	1200/2400	16400
0,5ml	150	564	564/1128	564/1128	3285	564/1128	7300
CBS 0,3-0,5ml	100	450	450/900	450/900	2025	450/900	4500

"Daisy goblets" (in canisters)⁽¹⁾

0,25ml	-	-	-	-	4860	-	9720
0,5ml	-	-	-	-	2160	-	4320
CBS 0,3-0,5ml	-	-	-	-	1512	-	3024

VIALS

On metallic vial-holder in 2-level canister

1,2 - 2ml	-	-	180	180	-	180	1200
5ml	-	-	90	90	-	90	600

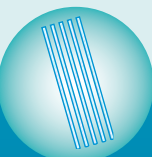
(1) "Daisy" goblets with a lid are available in 6 colors (white, red, green, blue, purple, and yellow).

Inventory systems

GT

2

Straws
0,25
5ml
CBS

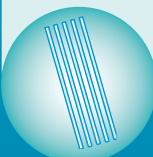



1 level Polycarbonate canister




9 · 11 · 21 · 35

Straws
0,25
5ml
CBS




1 level Polycarbonate or Stainless steel canister



2 levels Polycarbonate or Stainless steel canister



2 levels Polycarbonate or Stainless steel canister




Gobelts
Ø 35 mm




Gobelts
Ø 35 mm

Lifter



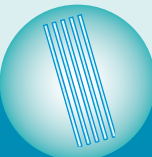
Metalic holder

1,2-2 ml :
x6 tube
5 ml :
x3 vials




26


Straws
0,25
5ml
CBS




1 level Stainless steel canister




Gobelts
Ø 65 mm

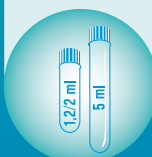



40

Straws
5ml
CBS




Cryo-vials
1,2
2
5ml



2 levels Stainless steel canister



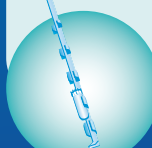
Gobelts
Ø 65 mm

Lifter



Metalic holder

1,2-2 ml :
x6 tube
5 ml :
x3 vials




Our solutions



Technical characteristics

	GT2	GT9	GT11	GT21	GT26	GT35	GT40
Useful capacity - L	2,14	9,51	12,4	21,6	27,2	33,8	43,4
Neck diameter - mm	30	50	50	50	80	50	120
Outside diameter - mm	174	358	308	388	468	468	468
Empty weight - kg	1,9	8,2	9	13	14,8	15	24
Full weight - kg	3,5	15,7	19	30,4	36	43	57
Total height - mm	392	450	630	660	460	660	710
Daily evaporation - L/d ⁽¹⁾	0,08	0,12	0,09	0,1	0,3	0,12	0,3
Static autonomy - d	26	79	137	216	90	281	144

Applications



IVF



Laboratory



Animal
insemination



Animal
health

[1] Average liquid nitrogen evaporation rates are calculated in accordance with ISO 21014. These measurements are taken without accessories (canisters, electronic monitoring, temperature sensor, etc.), at constant atmospheric pressure and at a constant temperature of 15°C. These evaporation rates are indicative and may vary according to the conditions of use.

Accessories



	GT2	GT9	GT11	GT21	GT26	GT35	GT40
GT plastic canisters 1 level	GT2-1	GT9-1	GT11-1	GT21-1	-	GT35-1	-
GT plastic canisters 2 levels	-	-	GT11-4	GT21-4	-	GT35-4	-
GT stainless steel canisters 1 level	-	GT9-2	GT11-2	GT21-2	GT26-1	GT35-2	-
GT stainless steel canisters 2 levels	-	-	GT11-3	GT21-3	-	GT35-3	GT40-1
SERENY-T module + single probe	SERENY-T-LOGGER-1						
SERENY-T module + single probe + low level probe + GT support	SERENY-T-LOGGER-2						SERENY-T-LOGGER-2 + ACC-LOGGER-10
SERENY-T module + double probe	SERENY-T-LOGGER-3						
SERENY-T Module + double probe + low level probe + GT support	SERENY-T-LOGGER-4						SERENY-T-LOGGER-4 + ACC-LOGGER-10
Standard roller base GT21/26/35/40/NATAL40	-	-	-	-	-	-	ACC-ALU-29
Clamping kit for roller base	-	-	-	-	-	-	ACC-ALU-32
Level indicator for GT	ACC-GT-103						
GT40 probe support kit	-	-	-	-	-	-	ACC-GT-40
Metal tube holders for 6 x 2ml tubes or 3 x 5ml tubes (set of 10)	-	-	ACC-BOXTUBE-411		-	ACC-BOXTUBE-411	
Cryotubes 1ml with white skirt-cap (set of 50)	-	-	ACC-BOXTUBE-6		-	ACC-BOXTUBE-6	
Cryotubes 2ml round bottom white cap (set of 50)	-	-	ACC-BOXTUBE-11		-	ACC-BOXTUBE-11	
Cryotubes 5ml round bottom white cap (set of 50)	-	-	ACC-BOXTUBE-16		-	ACC-BOXTUBE-16	
Cardboard sleeves for cryotube holders (set of 10)	-	-	ACC-BOXTUBE-408		-	ACC-BOXTUBE-408	
White Marguerite goblet Diam 65 + lid (set of 5)	-	-	-	-	ACC-BOXTUBE-302	-	ACC-BOXTUBE-302
Red Marguerite goblet Diam 65 + lid (set of 5)	-	-	-	-	ACC-BOXTUBE-500	-	ACC-BOXTUBE-500
Green Marguerite goblet Diam 65 + lid (set of 5)	-	-	-	-	ACC-BOXTUBE-501	-	ACC-BOXTUBE-501
Blue Marguerite goblet Diam 65 + lid (set of 5)	-	-	-	-	ACC-BOXTUBE-502	-	ACC-BOXTUBE-502
Marguerite parma goblet Diam 65 + lid (set of 5)	-	-	-	-	ACC-BOXTUBE-503	-	ACC-BOXTUBE-503
Yellow Marguerite goblet Diam 65 + lid (set of 5)	-	-	-	-	ACC-BOXTUBE-504	-	ACC-BOXTUBE-504
Goblet Diam 35 mm (set of 20)	-	ACC-BOXTUBE-300			-	ACC-BOXTUBE-300	
Goblet Diam 65 mm (set of 20)	-	-	-	-	ACC-BOXTUBE-301	-	ACC-BOXTUBE-301
Diam 65 mm pierced goblet + lid (set of 10)	-	-	-	-	ACC-BOXTUBE-415	-	ACC-BOXTUBE-415
Lifter for 2 levels canisters	-	-	ACC-BOXTUBE-405		-	ACC-BOXTUBE-405	
Visotube Diam 10 (set of 100)	ACC-BOXTUBE-3						
Visotube Diam 12 (set of 100)	ACC-BOXTUBE-4						
Polygonal Visotube (set of 100)	ACC-BOXTUBE-1						

Sereny-T° LOGGER

Temperature logger
Low level alarm



Features that make the difference

> **2-in-1 product**

- Temperature logger
- Low level alarm

> **Stationary or mobile use**

> **Wide temperature range**

> **Large memory capacity**

> **Tilt detection detection**

> **Immediate reading of values and alarms**

> **2-in-1 product**

- The SERENY-T° Logger is the essential solution to record and monitor temperature, as well as detecting low liquid nitrogen levels in your containers.

> **Stationary or mobile use**

- Temperature recording and low level detection for stationary use with mains power.
- Temperature recording for mobile use thanks to a rechargeable battery.

> **Wide temperature range**

- Measures and displays temperature in °C and °F from -200 to +55°C.

> **Large memory capacity**

- 1 year of temperature and alert recording with a 2-minute acquisition frequency.

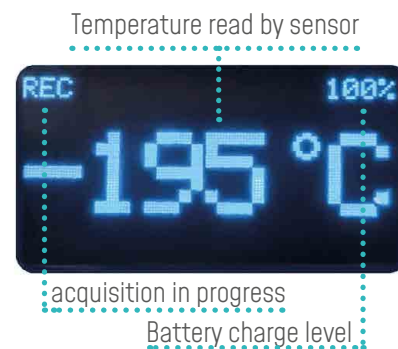
> **On-board tilt detection**

- An alarm is generated when the equipment moves from the vertical to the horizontal position.



Immediate reading of values and alarms

- The SERENY-T LOGGER is equipped with an OLED display.
- A LED indicates the operating status of the Sereny-T° Logger (Green = operating correctly - Blue = in acquisition - Red = alarm(s)).
- Alarms are symbolised by pictograms which appear alternately after the main screen.



Références commerciales

Référence	Désignation	Description
SERENY-T-LOGGER -1	SERENY-T-LOGGER -SIMPLE _ VR/GT	Module SERENY-T + sonde simple
SERENY-T-LOGGER -2	SERENY-T-LOGGER -SIMPLE + NIV _ GT	Module SERENY-T + sonde simple + sonde niveau bas + support GT
SERENY-T-LOGGER -3	SERENY-T-LOGGER -DOUBLE _ GT	Module SERENY-T + sonde double
SERENY-T-LOGGER -4	SERENY-T-LOGGER -DOUBLE+ NIV _ GT	Module SERENY-T + sonde double + sonde niveau bas + support GT

Technical specifications

Temperature measurement	• SPT100 temperature probe
	• Measurement redundancy via dual-element probe (optional)
	• Measurement range: -200 to +55°C • Acquisition frequency: 2 mn
	• Measurement accuracy: +/-2% • Unit: °F or °C • Calibration of acquisition chain
Low level detection	• Detection by PT100-type temperature probe • Measurement accuracy: +/-2%
	• Modular support for each range
Tilt detection	• Detection by an on-board accelerometer
Alert management	• Visual alert (LED + Display) • Can be reported by dry contact
	• High temperature alert (can be modified) • Temperature probe fault alert (-200 to +55°C)
	• Low level alert • Low level probe fault alert (-200 to +55°C)
	• Battery autonomy alert 20% • Battery life alert
	• Full memory alert 10% • Calibration alert (if recall enabled)
	• Chamber overheating alert (T° increase > 10°C between 2 measurements)
Data logging	• Measurements and alerts saved in a .csv format backup file or .PDF report
	• 1-year storage capacity
	• Start & Stop recording mode (Stationary use) or programmable (transport mode)
	• File write-protected by upload software
Power supply	• NiMh rechargeable battery
	• Battery autonomy: 43 days off - 9 days when measuring
	• Battery life (1000 charge cycles) • USB C power supply
Display	• OLED backlit monochrome display • 180° display rotation
	• Available languages: FR, EN, DE, IT, ES, PT, NL, PL
Operating software	• Configuration menu • View saved configuration menu
	• Menu for downloading data • Menu for consulting backups.
	• Menu for viewing recorded data in the form of a temperature curve (If an acquisition is in progress, this menu also displays the temperature curve in real time)
	• Calibration and access management menu



**100% MANUFACTURED
IN FRANCE**

Cryopal



Parc Gustave Eiffel
8 Av. Gutenberg
CS10172 Bussy Saint Georges
77 600 Marne La Vallée
Cedex 03 France

www.Cryopal.com

Tel : +33 1 64 76 15 00
contact.cryopal@cryopal.com



BIS
meaux

Cryopal 420 499 477 R.C.S. Meaux – © Photos : Cryopal, François Ayme – Création graphique : JS Graphic Designer – Non-contractual document – 03.2025