

# The GT Large Capacity range



**GT containers are designed for long term storage of small size biological samples in straws or cryo-vials.**

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

*With the NATAL, Air Liquide enables you to satisfy needs for traceability in cryo-conservation (until now not available for small containers) allowing measurements of the temperature and level.*

## ■ Domain of application:

Life sciences, insemination centres, egg and sperm banks, IVF, pharmaceutical labs...

## ■ Container specifications:

| 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        |
| Max. capacity 0,25ml straws                      | 4920    | 2925    | 9840  | 7380  | 9840  | 16400 | 16400    |
| Max. capacity 0,5ml straws                       | 2170    | 1305    | 4380  | 3285  | 4380  | 7300  | 7300     |
| Max. capacity 2ml vials<br>(on vial-holder rods) | -       | -       | 612   | -     | 612   | 1200  | 1200     |
| Max. capacity 5ml vials<br>(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, stationary container and lid closed. These are nominal values and may vary depending on the history of the container and manufacturing tolerances.

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

## ■ Principal characteristics:

- Strength: Built in aluminium with super-insulation and resin neck to combine thermal efficiency, lightness and strength.
- Quality of finish: The polyurethane paintwork gives the container an exceptional quality of finish and long life.
- Compliance with regulations: 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, as well as with the EC Medical Directive 93/42 EEC.

## ■ Main accessory references:

Roller base with fixation kit, goblet, canes for cryo-vials, lifter, lid, plastic level rod.

## ■ To place RFQ or if any further questions, do not hesitate to contact us directly:

tel.: +48 660 727 696 / e-mail: [kriobiologia.pl@airliquide.com](mailto:kriobiologia.pl@airliquide.com)