Non-pressurized vessels designed for the storage and transportation of liquid nitrogen

- Capacity of 7 to 100 litres
- Static holding time up to 180 days
- 6 year guarantee on the vacuum

Main characteristics include

Various dispensing systems can be fitted to the TR

- Tipping handle C
- Tipping stand E
- The DL3 pressurized decanting system D

Quality

- Made out of aluminum and composite materials provides for low consumption and light weight
- High quality polyurethane paint for long life
- Standard neck diameter of Ø 50 mm
- Vacuum valve
Application areas include:
Industrial, laboratories, life sciences, medical, ...

<table>
<thead>
<tr>
<th>Gamme TR</th>
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<tbody>
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**Gamme TR**

<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>TR11</th>
<th>TR21</th>
<th>TR26</th>
<th>TR35</th>
<th>TR60</th>
<th>TR100</th>
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</thead>
<tbody>
<tr>
<td>Liquid capacity</td>
<td>l</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Diameter of neck</td>
<td>mm</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
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<tr>
<td>Static holding time</td>
<td>d°</td>
<td>12.2</td>
<td>21.5</td>
<td>26</td>
<td>33.6</td>
<td>60</td>
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<tr>
<td>Daily evaporation rate</td>
<td>l/d°</td>
<td>0.18</td>
<td>0.18</td>
<td>0.2</td>
<td>0.24</td>
<td>0.4</td>
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<tr>
<td>Weight empty</td>
<td>kg</td>
<td>7.5</td>
<td>11.0</td>
<td>13.5</td>
<td>15.8</td>
<td>21.5</td>
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<tr>
<td>Weight full</td>
<td>kg</td>
<td>17.3</td>
<td>28.3</td>
<td>34.6</td>
<td>43</td>
<td>70</td>
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<tr>
<td>External diameter</td>
<td>mm</td>
<td>308</td>
<td>388</td>
<td>388</td>
<td>468</td>
<td>468</td>
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<tr>
<td>Total height</td>
<td>mm</td>
<td>584</td>
<td>605</td>
<td>669</td>
<td>655</td>
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<td>Total interior height</td>
<td>mm</td>
<td>530</td>
<td>535</td>
<td>612</td>
<td>580</td>
<td>800</td>
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**PRODUCT REFERENCES**

References to order

- TR11-1
- TR21-1
- TR26-1
- TR35-1
- TR60-1
- TR100-1

**MAIN ACCESSORY REFERENCES**

- **A:** Roller base
  ACC-ALU-29
- **B:** Fixation kit for the roller base (3 parts)
  ACC-ALU-32
- **C:** Tipping handle
  ACC-TR-15, ACC-TR-16
  ACC-TR-16
- **D:** DL3 pressurized decanting system
  ACC-TR-5
- **E:** Tipping stand
  ACC-TR-17, ACC-TR-17, ACC-TR-18
- **F:** Flexible transfer hose (DN10)²
  1.1 m
  ACC-FL180180NL11
  Flexible avec canne de transport (DN10)²
  F + G1 ou F + G2
  ACC-FLTC-2
  ACC-FLTC-1

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1) Daily evaporation and static holding time are given for the following conditions: 20°C, 1.013 mb, and vessel is stationary with lid closed. These are nominal values and may vary according to the history of the vessel and the manufacturing tolerances.

2) The flexible hoses are available in different lengths: 1.5, 2, 3 and 4 meters. If the length = 1.5 m the commercial reference = NL-15.
   If the length = 2 m the commercial reference = NL-20. If the length = 3 m the commercial reference = NL-30. If the length = 4 m the commercial reference = NL-40.