

## Transportation Liquid Nitrogen Container



YDS-20B/YDS-30B

/YDS-35B-80/YDS-35B-125

/YDS-35B/YDS-50B-125

YDS-20B-LS(6)

/YDS-20B-S(6)

/YDS-30B-LS(6)

/YDS-30B-S(6)

/YDS-35B-80LS(6)

/YDS-35B-80S(6)

/YDS-35B-125-FS

/YDS-35B-125LS(6)

/YDS-35B-125S(6)

/YDS-35B-LS(6)

/YDS-35B-S(6)

/YDS-50B-125-FS

/YDS-50B-125LS(6)

/YDS-50B-125S(6)

### Features:

- \* High vacuum, multi-layer insulation design
- \* Low static evaporation rate
- \* Made of high-quality alloy aluminum
- \* Insulation material bracket, lower evaporation, safe and reliable transportation

### Technical Parameters:

| Model                    | Unit | YDS-20B     | YDS-30B     | YDS-35B-80 | YDS-35B-125 | YDS-35B | YDS-50B-125 |
|--------------------------|------|-------------|-------------|------------|-------------|---------|-------------|
| Capacity                 | L    | 20.1        | 31.5        | 35.5       | 35.5        | 35.5    | 50          |
| Empty Weight             | kg   | 12.42       | 15.6        | 17.9       | 18.3        | 17.1    | 21          |
| Caliber                  | mm   | 50±1        | 50±1        | 80±1       | 125±1       | 50±1    | 125±1       |
| Outer Diameter           | mm   | 409±2       | 455±2       | 455        | 455         | 455     | 508         |
| Height                   | mm   | 675         | 665         | 725        | 720         | 725     | 818±4       |
| Static Evaporation Loss  | L/d  | ≤0.20       | ≤0.20       | ≤0.30      | ≤0.41       | ≤0.20   | ≤0.45       |
| Static Holding Time      | d    | ≥101        | ≥159        | ≥119       | ≥86         | ≥179    | ≥110        |
| Canister Specification   | mm   | NO          | NO          | NO         | NO          | NO      | NO          |
| Canister No.(Standard)   | pc   | NO          | NO          | NO         | NO          | NO      | NO          |
| Canvas Protective Sleeve | pc   | NO          | NO          | NO         | NO          | NO      | NO          |
| Lockable Lid             | set  | NO          | NO          | NO         | NO          | NO      | NO          |
| Packing Size             | mm   | 460*460*750 | 510*510*810 |            |             |         | 575*575*860 |
| Gross Weight             | kg   | 14.1        | 17.6        | 19.9       | 20.3        | 19.1    | 24.8        |

| Model                    | Unit | YDS-20B-LS(6)                                   | YDS-20B-S(6)                                    | YDS-30B-LS(6)                                   | YDS-30B-S(6)                                    | YDS-35B-80LS(6)                                 | YDS-35B-80S(6)                                  | YDS-35B-125-FS                                                                  |
|--------------------------|------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------|
| Capacity                 | L    | 20.1                                            | 20.1                                            | 31.5                                            | 31.5                                            | 35.5                                            | 35.5                                            | 35.5                                                                            |
| Empty Weight             | kg   | 13.78                                           | 13.22                                           | 17.9                                            | 17.3                                            | 20.3                                            | 19.1                                            | 25.4                                                                            |
| Caliber                  | mm   | 50±1                                            | 50±1                                            | 50±1                                            | 50±1                                            | 80±1                                            | 80±1                                            | 125±1                                                                           |
| Outer Diameter           | mm   | 409±2                                           | 409±2                                           | 455±2                                           | 455±2                                           | 455                                             | 455                                             | 455                                                                             |
| Height                   | mm   | 680                                             | 680                                             | 670±4                                           | 670±4                                           | 735                                             | 725                                             | 735                                                                             |
| Static Evaporation Loss  | L/d  | ≤0.20                                           | ≤0.20                                           | ≤0.20                                           | ≤0.20                                           | ≤0.30                                           | ≤0.30                                           | ≤0.41                                                                           |
| Static Holding Time      | d    | ≥101                                            | ≥101                                            | ≥159                                            | ≥159                                            | ≥119                                            | ≥119                                            | ≥86                                                                             |
| Canister Specification   | mm   | Round:<br>Diameterφ<br>38±1;<br>Height<br>276±1 | Round:<br>Diameterφ<br>38±1;<br>Height<br>120±1 | Round:<br>Diameterφ<br>38±1;<br>Height<br>276±1 | Round:<br>Diameterφ<br>38±1;<br>Height<br>120±1 | Round:<br>Diameterφ<br>60±1;<br>Height<br>276±1 | Round:<br>Diameterφ<br>60±1;<br>Height<br>120±1 | Square:<br>82*84mm.<br>With 5*5<br>2ml cryobox,<br>750pcs<br>cryogetic<br>vials |
| Canister No.(Standard)   | pc   | 6                                               | 6                                               | 6                                               | 6                                               | 6                                               | 6                                               | 6                                                                               |
| Canvas Protective Sleeve | pc   | 1                                               | 1                                               | 1                                               | 1                                               | 1                                               | 1                                               | 1                                                                               |
| Lockable Lid             | set  | Yes                                             | Yes                                             | Yes                                             | Yes                                             | Yes                                             | Yes                                             | Yes                                                                             |
| Packing Size             | mm   | 460*460*750                                     |                                                 | 510*510*810                                     |                                                 |                                                 |                                                 |                                                                                 |
| Gross Weight             | kg   | 15.5                                            | 15                                              | 20.1                                            | 19.3                                            | 22.3                                            | 21.8                                            | 28.1                                                                            |

| Model                    | Unit | YDS-35B-125LS(6)                                | YDS-35B-125S(6)                                 | YDS-35B-LS(6)                               | YDS-35B-S(6)                                  | YDS-50B-125-FS                                                                  | YDS-50B-125LS(6)                                | YDS-50B-125S(6)                                 |
|--------------------------|------|-------------------------------------------------|-------------------------------------------------|---------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Capacity                 | L    | 35.5                                            | 35.5                                            | 35.5                                        | 35.5                                          | 50                                                                              | 50                                              | 50                                              |
| Empty Weight             | kg   | 22.52                                           | 20.61                                           | 18.45                                       | 17.85                                         | 28.5                                                                            | 23.7                                            | 22                                              |
| Caliber                  | mm   | 125±1                                           | 125±1                                           | 50±1                                        | 50±1                                          | 125±1                                                                           | 125±1                                           | 125±1                                           |
| Outer Diameter           | mm   | 455                                             | 455                                             | 455                                         | 455                                           | 508                                                                             | 508                                             | 508                                             |
| Height                   | mm   | 735                                             | 735                                             | 735                                         | 735                                           | 818±4                                                                           | 818±4                                           | 818±4                                           |
| Static Evaporation Loss  | L/d  | ≤0.41                                           | ≤0.41                                           | ≤0.20                                       | ≤0.20                                         | ≤0.45                                                                           | ≤0.45                                           | ≤0.45                                           |
| Static Holding Time      | d    | ≥86                                             | ≥86                                             | ≥179                                        | ≥179                                          | ≥110                                                                            | ≥110                                            | ≥110                                            |
| Canister Specification   | mm   | Round:<br>Diameterφ<br>97±1;<br>Height<br>276±1 | Round:<br>Diameterφ<br>97±1;<br>Height<br>120±1 | Round:<br>Diameterφ<br>38;<br>Height<br>276 | Round:<br>Diameterφ<br>38;<br>Height<br>120±1 | Square:<br>82*84mm.<br>With 5*5<br>2ml cryobox,<br>900pcs<br>cryogetic<br>vials | Round:<br>Diameterφ<br>97±1;<br>Height<br>276±1 | Round:<br>Diameterφ<br>97±1;<br>Height<br>120±1 |
| Canister No.(Standard)   | pc   | 6                                               | 6                                               | 6                                           | 6                                             | 6                                                                               | 6                                               | 6                                               |
| Canvas Protective Sleeve | pc   | 1                                               | 1                                               | 1                                           | 1                                             | NO                                                                              | NO                                              | NO                                              |
| Lockable Lid             | set  | Yes                                             | Yes                                             | Yes                                         | Yes                                           | Yes                                                                             | Yes                                             | Yes                                             |
| Packing Size             | mm   | 510*510*810                                     |                                                 |                                             |                                               | 575*575*860                                                                     |                                                 |                                                 |
| Gross Weight             | kg   | 24.7                                            | 22.7                                            | 20.1                                        | 19.8                                          | 32.3                                                                            | 27.5                                            | 25.5                                            |