

Static Storage Liquid Nitrogen Container



Features:

- \* High vacuum, multi-layer thermal insulation design
- \* Low static evaporation rate, ultra-low evaporation loss
- \* Made of high-quality alloy aluminum
- \* Vacuum warranty for 5 years
- \* Optional liquid level ruler

YDS-35LS(6)/YDS-35S(6)/YDS-35/YDS-35-80LS(6)  
 /YDS-35-80S(6)/YDS-35-80/YDS-35-125-FS  
 /YDS-35-125LS(6)/YDS-35-125S(6)/YDS-35-125



- \* High vacuum, multi-layer thermal insulation design
- \* Low static evaporation rate, ultra-low evaporation loss
- \* Made of high-quality alloy aluminum
- \* Vacuum warranty for 5 years
- \* Optional liquid level ruler

YDS-47-127-FS/YDS-47-127LS(6)/YDS-47-127  
 /YDS-65-216-FS/YDS-65-216S/YDS-95-216-FS  
 /YDS-95-216S /YDS-120-216-FS/YDS-120-216S  
 /YDS-145-216-FS/YDS-145-216S/YDS-175-216-FS  
 /YDS-175-216S

Technical Parameters

| Model                    | Unit | YDS-35LS(6)   | YDS-35S(6)    | YDS-35      | YDS-35-80LS(6) | YDS-35-80S(6) | YDS-35-80   | YDS-35-125-FS                      | YDS-35-125LS(6) | YDS-35-125S(6) | YDS-35-125  |
|--------------------------|------|---------------|---------------|-------------|----------------|---------------|-------------|------------------------------------|-----------------|----------------|-------------|
| Capacity                 | L    | 35.5          | 35.5          | 35.5        | 35.5           | 35.5          | 35.5        | 35.5                               | 35.5            | 35.5           | 35.5        |
| Empty Weight             | kg   | 18.4          | 17.8          | 17          | 20             | 19            | 17.8        | 25.3                               | 22.5            | 20.6           | 18.2        |
| Caliber                  | mm   | 50            | 50            | 50          | 80             | 80            | 80          | 125                                | 125             | 125            | 125         |
| Outer Diameter           | mm   | 455           | 455           | 455         | 455            | 455           | 455         | 455                                | 455             | 455            | 455         |
| Height                   | mm   | 735           | 735           | 720         | 735            | 735           | 735         | 735                                | 735             | 735            | 735         |
| Static Evaporation Loss  | L/d  | 0.12          | 0.12          | 0.12        | 0.22           | 0.22          | 0.22        | 0.37                               | 0.37            | 0.37           | 0.37        |
| Static Holding Time      | d    | 286           | 286           | 286         | 159            | 159           | 159         | 97                                 | 97              | 97             | 97          |
| Canister Specification   | mm   | Round: 38*276 | Round: 38*120 | —           | Round: 60*276  | Round: 60*120 | —           | Square: 82*84, 750pcs of 2ml vials | Round: 97*276   | Round: 97*120  | —           |
| Canister No.(Standard)   | pc   | 6             | 6             | —           | 6              | 6             | —           | 6                                  | 6               | 6              | —           |
| Canvas Protective Sleeve | pc   | √             | √             | —           | √              | √             | —           | √                                  | √               | √              | —           |
| Lockable Lid             | set  | √             | √             | —           | √              | √             | —           | √                                  | √               | √              | —           |
| Packing Size             | mm   | 510*510*810   | 510*510*810   | 510*510*810 | 510*510*810    | 510*510*810   | 510*510*810 | 510*510*810                        | 510*510*810     | 510*510*810    | 510*510*810 |
| Gross Weight             | kg   | 20.4          | 19.8          | 19          | 22             | 21            | 19.8        | 27.3                               | 24.5            | 22.6           | 20.2        |

Technical Parameters

| Model                    | Unit | YDS-47-127-FS                      | YDS-47-127LS(6) | YDS-47-127  | YDS-65-216-FS                          | YDS-65-216S | YDS-95-216-FS                         | YDS-95-216S | YDS-120-216-FS                        | YDS-120-216S | YDS-145-216-FS                              | YDS-145-216S | YDS-175-216-FS                        | YDS-175-216S |
|--------------------------|------|------------------------------------|-----------------|-------------|----------------------------------------|-------------|---------------------------------------|-------------|---------------------------------------|--------------|---------------------------------------------|--------------|---------------------------------------|--------------|
| Capacity                 | L    | 47                                 | 47              | 47          | 65                                     | 65          | 95                                    | 95          | 125                                   | 125          | 145                                         | 145          | 175                                   | 175          |
| Empty Weight             | kg   | 25.7                               | 24.1            | 20.2        | 50.8                                   | 41.5        | 58.3                                  | 45.7        | 66                                    | 52.5         | 71.9                                        | 53.3         | 79.1                                  | 57.5         |
| Caliber                  | mm   | 127                                | 127             | 127         | 216                                    | 216         | 216                                   | 216         | 216                                   | 216          | 216                                         | 216          | 216                                   | 216          |
| Outer Diameter           | mm   | 508                                | 508             | 508         | 684                                    | 684         | 684                                   | 684         | 684                                   | 684          | 684                                         | 684          | 684                                   | 684          |
| Height                   | mm   | 700                                | 700             | 675         | 770                                    | 770         | 790                                   | 790         | 970                                   | 970          | 975                                         | 975          | 1060                                  | 1060         |
| Static Evaporation Loss  | L/d  | 0.45                               | 0.45            | 0.45        | 0.89                                   | 0.78        | 0.97                                  | 0.97        | 0.98                                  | 0.98         | 0.96                                        | 0.96         | 0.95                                  | 0.95         |
| Static Holding Time      | d    | 105                                | 105             | 105         | 73                                     | 83          | 98                                    | 98          | 127                                   | 127          | 151                                         | 151          | 184                                   | 184          |
| Canister Specification   | mm   | Square: 82*84, 750pcs of 2ml vials | Round: 104*276  | —           | Square: 142*144, 1944 pcs of 2ml vials | —           | Square: 142*144, 2430pcs of 2ml vials | —           | Square: 142*144, 2916pcs of 2ml vials | —            | Square: 142*144, 3888/4800 pcs of 2ml vials | —            | Square: 142*144, 4860pcs of 2ml vials | —            |
| Canister No.(Standard)   | pc   | 6                                  | 6               | —           | 6                                      | —           | 6                                     | —           | 6                                     | —            | 6                                           | —            | 6                                     | —            |
| Canvas Protective Sleeve | pc   | —                                  | —               | —           | —                                      | —           | —                                     | —           | —                                     | —            | —                                           | —            | —                                     | —            |
| Lockable Lid             | set  | √                                  | √               | —           | √                                      | √           | √                                     | √           | √                                     | √            | √                                           | √            | √                                     | √            |
| Packing Size             | mm   | 575*575*860                        | 575*575*860     | 575*575*860 | 760*760*910                            | 760*760*910 | 760*760*950                           | 760*760*950 | 760*760*1105                          | 760*760*1105 | 760*760*1130                                | 760*760*1130 | 760*760*1200                          | 760*760*1200 |
| Gross Weight             | kg   | 29.5                               | 27.9            | 24          | 63.7                                   | 54.4        | 73.9                                  | 58.7        | 79.9                                  | 66.4         | 85.9                                        | 67.5         | 93.5                                  | 71.9         |