

# Our Most POPULAR & ECONOMICAL Lab Dewar

## ARCTIC FOX™ Lab Dewars for L6, L10, L30 Liters



**LAB-L6**  
6 Liter Capacity  
Pt # LAB-L6

#### UNIT DIMENSIONS

| Capacity (L)  | 6        |        |
|---|----------|--------|
| Neck diameter                                       | 1.97 in  | 50 mm  |
| External diameter                                   | 10.87 in | 276 mm |
| Height  | 16.38 in | 416 mm |
| Net weight of lab dewar                             | 10.8 lb  | 4.9 kg |
| The total weight of the filled with liquid nitrogen | 21.6 lb  | 9.8 kg |
| Storage days of static liquid nitrogen >days        | 52       |        |

#### Accessories for LAB-L6

| Description     | Part #     |
|-----------------|------------|
| Replacement Lid | LAB-L6-LID |
| Specimen Holder | LAB-D6-SH  |
| Dipper          | LAB-D6-DIP |



**LAB-L10**  
10 Liter Capacity  
Pt # LAB-L10

#### UNIT DIMENSIONS

| Capacity (L)  | 10       |        |
|---|----------|--------|
| Neck diameter                                       | 1.97 in  | 50 mm  |
| External diameter                                   | 10.87 in | 276 mm |
| Height  | 22.83 in | 580 mm |
| Net weight of lab dewar                             | 11 lb    | 5 kg   |
| The total weight of the filled with liquid nitrogen | 28.7 lb  | 13 kg  |
| Storage days of static liquid nitrogen >days        | 896      |        |

#### Accessories for LAB-L10

| Description     | Part #      |
|-----------------|-------------|
| Replacement Lid | LAB-L10-LID |
| Specimen Holder | LAB-D10-SH  |
| Dipper          | LAB-D10-DIP |



**LAB-L30**  
30 Liter Capacity  
Pt # LAB-L30

#### UNIT DIMENSIONS

| Capacity (L)  | 30       |         |
|---|----------|---------|
| Neck diameter                                       | 1.97 in  | 50 mm   |
| External diameter                                   | 17.56 in | 446 mm  |
| Height  | 28.54 in | 725 mm  |
| Net weight of lab dewar                             | 30.9 lb  | 14 kg   |
| The total weight of the filled with liquid nitrogen | 87.1 lb  | 39.5 kg |
| Storage days of static liquid nitrogen >days        | 254      |         |

#### Accessories for LAB-L30

| Description     | Part #      |
|-----------------|-------------|
| Replacement Lid | LAB-L30-LID |
| Specimen Holder | LAB-D30-SH  |
| Dipper          | LAB-D30-DIP |

### Replacement Lid for

- Lab 6 Liter
- Lab 10 Liter
- Lab 30 Liter
- Lab 50 Liter

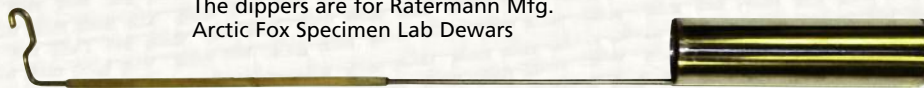


Replacement Lid  
Pt # LAB-L30-LID

### Accessories for LAB-L

#### Lab Dewar Dippers

The dippers are for Ratermann Mfg. Arctic Fox Specimen Lab Dewars



# ARCTIC FOX™ Lab Dewars for L50 Liters



**LAB-L50**  
50 Liter Capacity  
Pt # LAB-L50



Easily remove insulated top



Easily pour liquid nitrogen.  
Opening is 50mm in diameter.

**GREAT  
FOR  
STORING  
AND  
POURING  
LN2**

**UNIT DIMENSIONS**

|   |          |         |
|---|----------|---------|
| Capacity (L)  | 50       |         |
| Neck diameter                                       | 1.97 in  | 50 mm   |
| External diameter                                   | 17.56 in | 446 mm  |
| Height  | 36.57 in | 929 mm  |
| Net weight of lab dewar                             | 46.5 lb  | 21.1 kg |
| The total weight of the filled with liquid nitrogen | 135.6 lb | 61.5 kg |
| Storage days of static liquid nitrogen >days        | 209      |         |

**Accessories for LAB-L50**

| Description     | Part #      |
|-----------------|-------------|
| Replacement Lid | LAB-L50-LID |
| Specimen Holder | LAB-D50-SH  |
| Dipper          | LAB-D50-DIP |

**LAB-L Dewars from 28A-2 and 28A-3**

| Part #  | Description        |
|---------|--------------------|
| LAB-L6  | 6 Liter Lab Dewar  |
| LAB-L10 | 10 Liter Lab Dewar |
| LAB-L30 | 30 Liter Lab Dewar |
| LAB-L50 | 50 Liter Lab Dewar |



**MODEL LAB DEWAR 6**  
6 Liter Lab Dewar  
Pt # LAB-T6

**UNIT DIMENSIONS**

|  |        |       |
|--|--------|-------|
| Opening diameter (in/mm)                                 | 2      | (50)  |
| Outside diameter (in/mm)                                 | 10.875 | (276) |
| Overall height (in/mm)                                   | 16.375 | (416) |
| Empty weight (lbs/kg)                                    | 10.8   | (4.9) |
| Full weight (lbs/kg)                                     | 21.6   | (9.8) |
| Preservation days of static liquid nitrogen (days)       |        |       |
| Qualified product  | 45     |       |
| Best quality   | 60     |       |
| Daily evaporation capacity of liquid nitrogen (ltrs/day) |        |       |
| Qualified product  | 0.13   |       |
| Best quality   | 0.10   |       |
| Outside diameter of dipper(s) (in/mm)                    | 1.5    | (38)  |
| The number of dipper(s)                                  | 3-6    |       |
| Straw holding capacity of each dipper(s)                 |        |       |
| 0.25ml   | 298    |       |
| 0.5 ml   | 132    |       |

# NEW STYLE TOP SPECIMEN HOLDING LAB DEWAR

## Specimen Holder Features

- has up to 6 specimen holders
- number of slots in lip of tank
- comes with Lockout Lock and Insulated Lid

**LAB-T Dewars**

| Part #  | Description        |
|---------|--------------------|
| LAB-T6  | 6 Liter Lab Dewar  |
| LAB-T10 | 10 Liter Lab Dewar |
| LAB-T30 | 30 Liter Lab Dewar |
| LAB-T50 | 50 Liter Lab Dewar |



**MODEL LAB DEWAR 10**  
10 Liter Lab Dewar  
Pt # LAB-T10

**UNIT DIMENSIONS**

|  |        |       |
|--|--------|-------|
| Opening diameter (in/mm)                                 | 2      | (50)  |
| Outside diameter (in/mm)                                 | 10.875 | (276) |
| Overall height (in/mm)                                   | 20.875 | (530) |
| Empty weight (lbs/kg)                                    | 11     | (5)   |
| Full weight (lbs/kg)                                     | 28.7   | (13)  |
| Preservation days of static liquid nitrogen (days)       |        |       |
| Qualified product  | 75     |       |
| Best quality   | 90     |       |
| Daily evaporation capacity of liquid nitrogen (ltrs/day) |        |       |
| Qualified product  | 0.13   |       |
| Best quality   | 0.11   |       |
| Outside diameter of dipper(s) (in/mm)                    | 1.5    | (38)  |
| The number of dipper(s)                                  | 3-6    |       |
| Straw holding capacity of each dipper(s)                 |        |       |
| 0.25ml   | 298    |       |
| 0.5 ml   | 132    |       |



**Retrieve Samples.**  
Specimen holders can easily be removed to retrieve your samples.



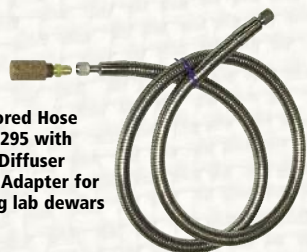
**New Style Top**



**MODEL LAB DEWAR 30**  
30 Liter Lab Dewar  
Pt # LAB-T30

**UNIT DIMENSIONS**

|  |         |        |
|--|---------|--------|
| Opening diameter (in/mm)                                 | 2       | (50)   |
| Outside diameter (in/mm)                                 | 17.5625 | (446)  |
| Overall height (in/mm)                                   | 26.375  | (670)  |
| Empty weight (lbs/kg)                                    | 30.9    | (14)   |
| Full weight (lbs/kg)                                     | 87.1    | (39.5) |
| Preservation days of static liquid nitrogen (days)       |         |        |
| Qualified product  |         | 225    |
| Best quality   |         | 280    |
| Daily evaporation capacity of liquid nitrogen (ltrs/day) |         |        |
| Qualified product  |         | 0.14   |
| Best quality   |         | 0.11   |
| Outside diameter of dipper(s) (in/mm)                    | 1.5     | (38)   |
| The number of dipper(s)                                  |         | 3-6    |
| Straw holding capacity of each dipper(s)                 |         |        |
| 0.25ml   |         | 298    |
| 0.5 ml   |         | 132    |



**Armored Hose**  
CGA-295 with  
3/8" Diffuser  
with Adapter for  
filling lab dewars

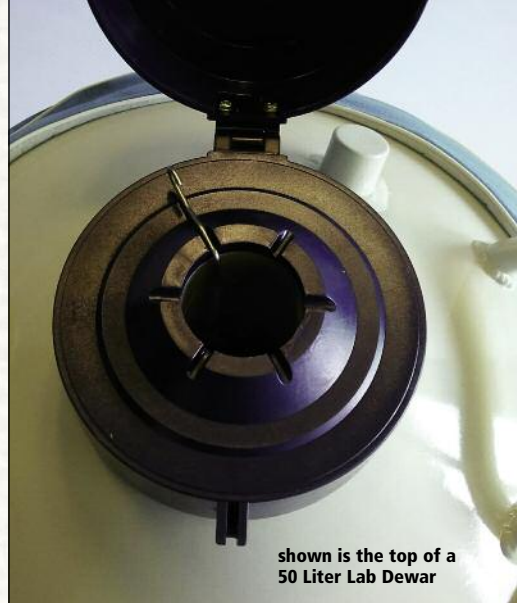
| Part #     | Hose Length | Description                |
|------------|-------------|----------------------------|
| FPA4D38-A  | 4'          | CGA-295 with 3/8" Diffuser |
| FPA6D38-A  | 6'          | CGA-295 with 3/8" Diffuser |
| FPA8D38-A  | 8'          | CGA-295 with 3/8" Diffuser |
| FPA12D38-A | 12'         | CGA-295 with 3/8" Diffuser |



**Safety Cryo Gloves and Clothing**  
see Section 27A



**MODEL LAB DEWAR 50**  
50 Liter Lab Dewar  
Pt # LAB-T50



shown is the top of a  
50 Liter Lab Dewar

**UNIT DIMENSIONS**

|  |         |        |
|--|---------|--------|
| Opening diameter (in/mm)                                 | 2       | (50)   |
| Outside diameter (in/mm)                                 | 17.5625 | (446)  |
| Overall height (in/mm)                                   | 36.575  | (929)  |
| Empty weight (lbs/kg)                                    | 46.5    | (21.1) |
| Full weight (lbs/kg)                                     | 135.6   | (61.5) |
| Preservation days of static liquid nitrogen (days)       |         |        |
| Qualified product  |         | *      |
| Best quality   |         | 240    |
| Daily evaporation capacity of liquid nitrogen (ltrs/day) |         |        |
| Qualified product  |         | *      |
| Best quality   |         | *      |
| Outside diameter of dipper(s) (in/mm)                    | 1.5     | (38)   |
| The number of dipper(s)                                  |         | 3-6    |
| Straw holding capacity of each dipper(s)                 |         |        |
| 0.25ml   |         | 298    |
| 0.5 ml   |         | 132    |

\* Please call 800-264-7793 for this information.

**Model Lab Dewar Accessories**



**Specimen Holder Dipper for LAB-Dxx series Dewar**

**Dipper for Removing LN2 Out of Container (DEW-xx series Dewars)**



**Replacement Lid**  
Pt # LAB-DLID



**Lab Dewar Accessories for 6 Liter Capacity**

| Part #     | Description                       |
|------------|-----------------------------------|
| LAB-DLID   | Replacement Lid                   |
| LAB-D6-SH  | Specimen Holder for 6 Liter Dewar |
| LAB-D6-DIP | Dipper for 6 Liter Dewar          |

**Lab Dewar Accessories for 10 Liter Capacity**

| Part #      | Description                        |
|-------------|------------------------------------|
| LAB-DLID    | Replacement Lid                    |
| LAB-D10-SH  | Specimen Holder for 10 Liter Dewar |
| LAB-D10-DIP | Dipper for 10 Liter Dewar          |

**Lab Dewar Accessories for 30 Liter Capacity**

| Part #      | Description                        |
|-------------|------------------------------------|
| LAB-DLID    | Replacement Lid                    |
| LAB-D30-SH  | Specimen Holder for 30 Liter Dewar |
| LAB-D30-DIP | Dipper for 30 Liter Dewar          |