

# CryoTrans Series

## Dewar for LN<sub>2</sub> Storage



CryoTrans Series dewars provide a convenient and economical way to store and dispense liquid nitrogen. 50mm narrow neck reduces liquid nitrogen consumption.

KF NW50 is supplied as standard, for convenient connection with other devices, such as Antech manual dispensers CryoPump1000M or automatic LN<sub>2</sub> dispenser CryoPump2000A.

### Features

- Efficient storage of liquid nitrogen
- Ultra-low liquid nitrogen consumption
- KF NW50 for fast connection with Antech LN<sub>2</sub> pump
- Space-saving and light in weight
- TWO Year Parts Warranty, FIVE Year Vacuum Warranty

### Specification

| Model                                | CryoTrans 3 | CryoTrans 6 | CryoTrans 10            | CryoTrans 16 | CryoTrans 20 | CryoTrans 30 | CryoTrans 35 | CryoTrans 35P                                     | CryoTrans 50 |
|--------------------------------------|-------------|-------------|-------------------------|--------------|--------------|--------------|--------------|---|--------------|
| <b>Performance</b>                   |             |             |                         |              |              |              |              |   |              |
| LN <sub>2</sub> capacity (L)         | 3           | 6           | 10                      | 16           | 20           | 30           | 35           | 35  | 50           |
| Neck diameter (mm)                   | 50          | 50          | 50                      | 50           | 50           | 50           | 50           | 50  | 50           |
| Static evaporation rate (L/day)      | 0.12        | 0.12        | 0.12                    | 0.12         | 0.12         | 0.12         | 0.12         | 0.15  | 0.23         |
| <b>Dimensions</b>                    |             |             |                         |              |              |              |              |   |              |
| Overall height (mm)                  | 441         | 468         | 546                     | 618          | 668          | 661          | 760          | 580   | 757          |
| Outer diameter (mm)                  | 224         | 300         | 300                     | 396          | 396          | 451          | 451          | 508   | 508          |
| Weight empty (KG)                    | 3.5         | 4.8         | 6.5                     | 11           | 12           | 16           | 16.4         | 18  | 21           |
| Weight full (KG)                     | 6           | 10          | 15                      | 22           | 28           | 40           | 45           | 46  | 62           |
| <b>Accessories</b>                   |             |             |                         |              |              |              |              |   |              |
| KF 50 connection                     | Standard    | Standard    | Standard                | Standard     | Standard     | Standard     | Standard     | Standard  | Standard     |
| Roller base (Optional)               | —           | —           | —                       | —            | —            | RB-30        | RB-30        | RB-30   | RB-47        |
| LN <sub>2</sub> dispenser (Optional) | —           | —           | CryoPump 1000M (manual) |              |              |              |              | CryoPump 1000M (manual);<br>CryoPump 2000A (auto) |              |
| LN <sub>2</sub> dipper               | Optional    | Optional    | Optional                | Optional     | Optional     | Optional     | Optional     | Optional  | Optional     |