



Abeyance Cryo Solutions | Preserving Potential

# Abeyance S840 Lab Mover

## Large Volume LN2 Dry Vapor Shipper

Safe & Efficient Cryo Sample Transport

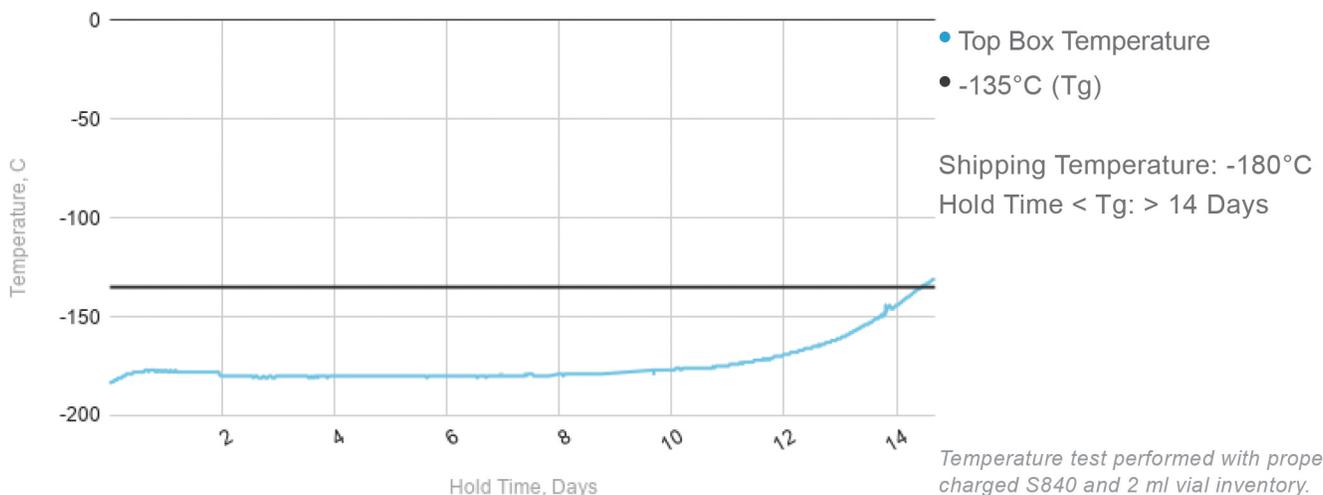
The Abeyance S840 is the largest LN2 dry vapor shipper available. Designed for the safe and efficient transport of cryopreserved samples with a stable temperature and 14 day hold time below Tg. The S840 can ship via commercial wide-body aircraft while accommodating the tallest sample racks and frames. Save time and money with the flexibility to choose from more aircraft and flight schedules.



- Largest LN2 Dry Vapor Shipper Available
- Stable Cryogenic Shipping Temperature
- 14 Day Hold Time Below Tg
- Transit Tested to ISTA-6B
- Holds 15-2 Racks & Tall Blood Bag Frames
- Supports Various Data Loggers
- Vacuum Gauge for Quick Requalification
- Easily Moved with Pallet Jack or Forklift
- Made for Commercial Wide-Body Aircraft



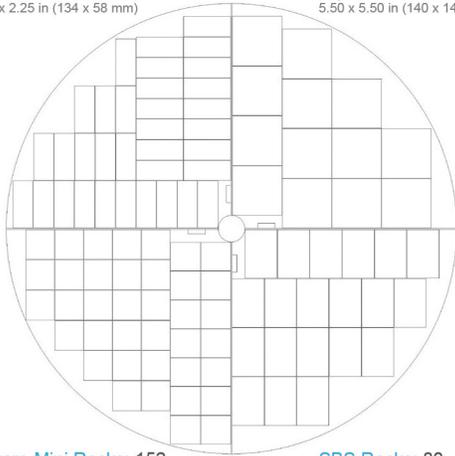
S840 Temperature Test



Temperature test performed with properly charged S840 and 2 ml vial inventory.

## Vial Inventory:

**2 ml Slim Racks: 140**  
5.28 x 2.25 in (134 x 58 mm)



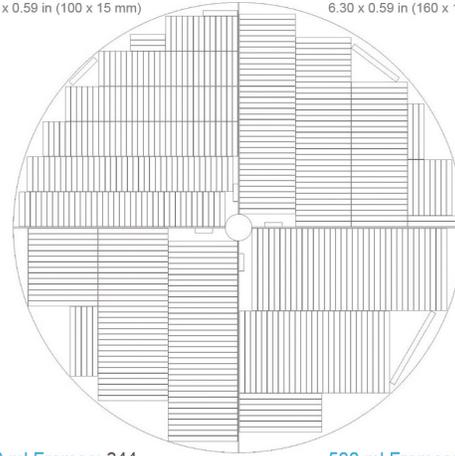
**Square Racks: 52**  
5.50 x 5.50 in (140 x 140 mm)

**Square Mini Racks: 152**  
3.18 x 3.34 in (81 x 85 mm)

**SBS Racks: 80**  
5.50 x 3.63 in (140 x 92 mm)

## Blood Bag Inventory:

**25 ml Frames: 732**  
3.94 x 0.59 in (100 x 15 mm)



**50 ml Frames: 440**  
6.30 x 0.59 in (160 x 15 mm)

**250 ml Frames: 344**  
7.88 x 0.59 in (200 x 15 mm)

**500 ml Frames: 280**  
9.30 x 0.59 in (236 x 15 mm)

## S840

### 2 ml Vial Capacity

(Vials | Boxes | Racks)

Slim Vertical Racks	84,000   840   140
Boxes / Rack	6
Square Racks	78,000   780   52
Boxes / Rack	15

### Blood Bag Capacity

(Bags | Frames | Bags / Frame)

25 ml Cassettes	5,856   732   8
50 ml Cassettes	3,520   440   8
250 ml Cassettes	1,720   344   5
500 ml Cassettes	1,400   280   5

L x W x H - in (mm) 59.0 x 61.0 x 62.0 (1499 x 1550 x 1575)

Usable Height - in (mm) 34.0 (864)

Step Height - in (mm) 10.0 (254) x 2

Liftover Height - in (mm) 41.0 (1041)

Neck Opening - in (mm) 23.2 (589)

Empty Weight - lbs (kg) 2,025 (919)

Charged Weight - lbs (kg) 2,500 (1134)

Maximum Working Weight\* - lbs (kg) 4,200 (1905)

LN2 Capacity (Vapor Storage) 250 L

Hold Time < Tg > 14 Days

Warranty 1 Year Parts & Craftsmanship | 3 Years Vacuum

Safety | Regulatory 49 CFR 173.320 | IATA Special Provision A152

\* Properly charged with 25 ml cassette inventory

