

Thermo Scientific Locator Cryogenic Rack & Box Systems

The Thermo Scientific Locator inventory systems makes cell sample retrieval quick and easy.

Locator Rack & Box System simplifies sample storage and retrieval with unique hanging rack and gridded box design, advanced vacuum insulation, unmatched temperature uniformity, and an innovative liquid nitrogen monitor.



Compact design minimizes space requirements while maximizing storage capacity. Suited for both manual and computerized inventory record-keeping methods. Super-insulated vessels have special, narrow-mouth design that conserves liquid nitrogen by minimizing evaporation.

- Outstanding temperature uniformity: samples are stored below -180°C , even when less than 2" (5cm) of liquid nitrogen remains in the vessel
- Ultrasonic Level Monitor safeguards irreplaceable samples with minimal liquid nitrogen evaporation and conduction
- Advanced vacuum insulation minimizes liquid nitrogen evaporation and reduces operating costs
- Optional monitor provides continuous LED readout of liquid nitrogen level; activates visual and audible alarms when level falls below safe range of approximately 1" (2.5cm)

- Optional alarm also alerts operator in the event of excessive liquid nitrogen loss
- Secure locking hasp prevents unauthorized entry

Includes: Stainless-steel indexed racks that fit into corresponding locations in the vessel. Each rack has individual storage compartments that hold one Nalgene* Cryogenic Storage Box.

Requires: Nalgene Cryogenic Storage Boxes (order separately). Each box has individually numbered storage areas for use with vials sized 2.0mL and smaller.

Warranty: Three-year warranty on vessel vacuum, one year on parts and level monitor

Product Specifications and Ordering Information

Cat. No.	Model	Capacity	Vial Capacity†	Average Daily Consumption	Static Holding Time	No. of Racks/Boxes per Rack/Boxes per System	Exterior H x W	Inside Dia. (Neck)	Shipping Weight
Without Liquid Nitrogen Level Monitor									
CY50925	Locator Jr.	60L	1600 (100/box) ¹	0.85L	70 days	4/4/16	62.2 × 55.8cm (24.5 × 22")	21.5cm (8.5")	40.8kg (90 lb.)
CY50935	Locator 4	111L	3600 (100/box) ²	0.99L	112 days	4/9/36	90.2 × 55.8cm (35.5 × 22")	21.5cm (8.5")	52.2kg (115 lb.)
CY50945	Locator 8	111L	1800 (25/box) ³	0.6L	185 days	8/9/72	95.3 × 55.8cm (35.5 × 22")	15cm (6")	53.1kg (117 lb.)
With Liquid Nitrogen Level Monitor									
CY50955	Locator Jr.	60L	1600 (100/box) ¹	0.85L	70 days	4/4/16	62.2 × 55.8cm (24.5 × 22")	21.5cm (8.5")	40.8kg (90 lb.)
CY50965	Locator 4	111L	3600 (100/box) ²	0.99L	112 days	4/9/36	90.2 × 55.8cm (35.5 × 22")	21.5cm (8.5")	52.2kg (115 lb.)
CY50975	Locator 8	111L	1800 (25/box) ³	0.6L	185 days	8/9/72	95.3 × 55.8cm (35.5 × 22")	15cm (6")	53.1kg (117 lb.)

† 1.2/2mL Nalgene® cryogenic vials

Static evaporation rates and holding times are based on new vessel performance, without any product load, or lid openings, and in a controlled environment. Actual working performance will vary with individual applications. Excludes supply tank evaporation. Total LN2 consumption will vary greatly depending on product loads, lid openings, fill cycles, and supply tank evaporation rate.

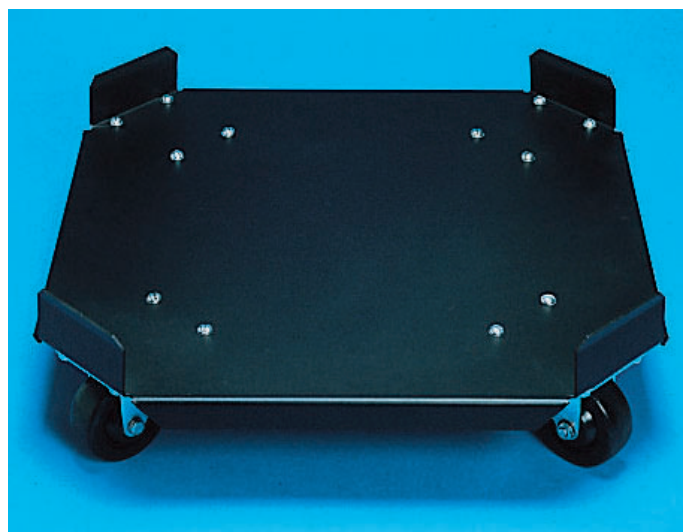
Specifications

Outside Dia. 22" (55.8cm)

Thermo Scientific Locator System Carts

These Thermo Scientific carts enable easy movement of Locator system vessels.

With wheels. Molded to fit snugly around vessel base.



Cat. No.	For
AY509X1	Jr., 4 and 8 Locator series vessels

Additional Accessories

- Boxes, Nalgene, 2" for 1.0 and 1.5mL vials, 100 vials per box, case of 10 (CS509X24)
- Boxes, Nalgene, 2" for 2mL vials, 81 vials per box, case of 40 (CS509X4); case of 20 (CS509X5)
- Boxes, Nalgene, 4" for 5mL vials, 81 vials per box, each (CS509X10)
- CryoClaw* (AY509X18)
- Cups, Suction, 2 replacements for CryoClaw (AY509X19)
- Logbook (LT509X5)
- Level Monitor, 100-240V, customer-installed (CN509X1-70)
- Rack, for 5.0mL vials (does not include boxes) (HR509X19A)
- Vials, 1mL, case of 500 (AY509X32)
- Vials, Cryogenic, 1.2mL, case of 500, 1.2 ml (AY509X13)
- Vials, 1.5mL, case of 500 (AY509X33)
- Vials, Cryogenic, 2.0mL, case of 500, 2.0 ml (AY509X12)

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