

Thermo Scientific Arctic Express Storage Systems

Our Arctic Express and Arctic Express Dual systems protect samples during shipment and storage. Featuring excellent flexibility and safety features, these systems can be used as dry shippers or laboratory cryo storage vessels.

Arctic Express IATA-Shipper Transport Systems

- Worldwide shipment of precious samples with safety and security; approved for UN and IATA
- Two-week holding time preserves sample integrity
- Lockable cover with internal security compartment provides protection and sample isolation
- Aluminum container with handle holds internal security compartment

Arctic Express Cryogenic Shipping Containers

- Innovative material absorbs liquid nitrogen to prevent spillage during shipment
- 14- and 21-day liquid nitrogen holding times allow specimens to be shipped safely
- Durable construction and sturdy base allow dry shipper to withstand rough handling
- Lockable lid prevents unauthorized entry
- Easily transported via most common carriers
- Lightweight aluminum design and convenient pail-style handle

Arctic Express Dual Shipper Storage Systems

- When filled with liquid nitrogen, Arctic Express dual shippers can be used as a canister and cane storage system indefinitely with static holding times of up to 125 days
- Dual shippers hold six numbered, color-coded, stainless steel cans, (included) which accommodate canes that hold ampoules
- Hard-shell shipping container comes standard for both Arctic Express and Dual Shippers

safe sample shipping





Thermo Scientific Arctic Express LN₂ Vapor Shipping Systems

Model	Arctic Express 5	Arctic Express 10	Arctic Express 20	Arctic Express IATA
Catalog No.	CY50915	CY50905	CY50910	CY50920
LN ₂ capacity (liters)	1.5	4.3	10	10
Canisters per unit	1	1	n/a	internal security compartment
Canes per canister	3	8	161	n/a
2mL Vials per cane	3	6	6	n/a
2 mL Vial capacity	9	48	966 (bulk - 6 vials per cane) or 500 vials using 5 - 2" boxes (100-cell)	400 vials using 4 - 2" boxes (100-cell)
Total straw capacity	15	120	1610	n/a
Static holding time (days)	8	21	14	14
Neck diameter: in. (cm)	1.4 (3.5)	2 (5.0)	8.5 (21.6)	8.5 (21.6)
Exterior dimensions: Diameter x height: in. (cm)	7.3 x 13.5 (18.5 x 34.3)	8.7 x 19.4 (22.1 x 49.3)	15 x 23 (38.1 x 58.4)	15 x 23 (38.1 x 58.4)
Shipping weight	24 lbs. / 10.9 kg	29 lbs. / 13.2 kg	52 lbs. / 23.6 kg	58 lbs. / 26.4 kg
Regulatory listings	CE	CE	CE	CE and IATA

Thermo Scientific Arctic Express LN₂ Vapor Shipping Systems

Model	Arctic Express Dual 10	Arctic Express Dual 20	Arctic Express Dual 28
Catalog No.	CK50920	CK50921	CK50922
LN ₂ capacity (liters)	10	18.5	28
LN ₂ capacity-absorbed (liters)	3	3	8
Canisters per unit	6	6	6
Canes per canister	5	6	21
2 mL Vial capacity (6/cane)	180	216	756
Total straw capacity (10/cane)	300	360	1260
Static holding time – shipper (days)	21	21	21
Static holding time (days)	42	125	50
Neck diameter: in. (cm)	2 (5)	2.2 (5.6)	3.8 (9.7)
Exterior dimensions: Diameter x height: in. (cm)	10.2 x 21.6 (25.9 x 54.9)	14.5 x 25.7 (36.8 x 65.3)	18.2 x 22 (46.2 x 55.9)
Shipping weight	34 lbs. / 15.5 kg	46 lbs. / 20.9 kg	60 lbs. / 27.3 kg
Regulatory listings	CE	CE	CE