

Thermo Scientific Arctic Express Cryogenic Shippers with Datalogger

Maintain the chain and your peace of mind.



Maintaining the cold chain is paramount to your samples, including when they are in transit. Thermo Scientific™ Arctic Express™ cryogenic shippers are designed to ensure the maintenance of sample integrity when movement of your samples is required.

Arctic Express models are now available with a built-in 21CFR, part 11 compliant datalogger, providing you with additional peace of mind that your important samples have been maintained during transport.

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

Not available outside North America

- 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

Datalogger

- 21CFR11 compliant
- High- and low-programmable alarm settings
- Temperature precision +/- 0.5°C
- Digital display
- Easy to use: automatically generate PDF report, summarizing shipping temperatures



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Thermo Scientific Arctic Express Cryogenic Shippers with Datalogger (Not available outside North America)

	Arctic Express 5	Arctic Express 10	Arctic Express 10 IATA	Arctic Express 20
Model No.	CY50915D	CY50905D	CY50905DIATA	CY50910D
LN2 capacity (liters)	1.5	4.3	4.3	10
Canisters per unit	1	1	1	N/A
Canes per canister	3	8	2	161
2mL vials per cane	3	6	6	6
2mL vial capacity	9	48	12	966* or 500**
Total straw capacity	15	120	20	1610
Static holding time, <-150°C (days)	8	21	21	14
Neck diameter in. (cm)	1.4 (3.5)	2 (5.0) 8.5 (21.6)	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)	8.7 x 19.4 (22.1 x 49.3)	15 x 23 (38.1 x 58.4)
Primary padlock	Included	Included	Included	Included
Secondary padlock	Included	Included	Included	Included
Shipping shell	Included	Included	Included	Included
Datalogger (21CFR11)	Included	Included	Included	Included
Datalogger replacement cap	N/A	Option (see below)	Option (see below)	Option (see below)
IATA approved Kit	N/A	N/A	Included***	N/A

* 966 bulk, six vials per cane

** 500 vials using five 2-inch boxes with 100-cell dividers

*** Included with initial purchase of Arctic Express 10 IATA (CY50905DIATA). IATA Kit is also available as accessory and should be used with Arctic Express 10 products (CY50905, CY50905D and CY50905DIATA) only.

Optional Accessories

Model No.	Description
AEDL10	Cork/cap assembly with datalogger for Arctic Express 10
AEDL20	Cork/cap assembly with datalogger for Arctic Express 20
AEDLACC	Additional datalogger for Arctic Express units
GT261910	IATA approved packout kit* for Arctic Express 10. NOTE: ONLY for use with models CY50905, CY50905D or CY50905DIATA

* Kit contains IATA tested Primary Receptacle, Secondary Packaging and Rigid Outer Packaging

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Australia: +61 39757 4300

Austria: +43 1 801 40 0

Belgium: +32 53 73 42 41

China: +86 21 6865 4588 or
+86 10 8419 3588

France: +33 2 2803 2180

Germany national toll-free: 0800 1 536 376

Germany international: +49 6184 90 6000

India toll free: 1800 22 8374

India: +91 22 6716 2200

Italy: +39 02 95059552

Japan: +81 45 453 9220

Netherlands: +31 76 579 55 55

New Zealand: +64 9 980 6700

Nordic/Baltic/CIS Countries:
+358 9 329 10200

Russia: +7 812 703 42 15

Spain/Portugal: +34 93 223 09 18

Switzerland: +41 44 454 12 22

UK/Ireland: +44 870 609 9203

USA/Canada: +1 866 984 3766 (866-9-THERMO)

Other Asian Countries: +852 2885 4613

Countries not listed: +49 6184 90 6000

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