

cost-effective storage



Thermo Scientific BioCane Canister and Cane Systems

Thermo Scientific BioCane storage systems provide a cost effective way to store biological samples in canes. Available in four sizes, the system can safely hold samples for extended periods of time without replenishing LN₂.

- All models include stainless steel canisters
- Canister handles are color-coded for easy canister identification
- Durable aluminum construction and vacuum insulation
- Narrow-mouth design minimizes LN₂ evaporation
- Lockable lid and optional low level alarm enhance sample security
- Available accessories
 - Roller base
 - Canes
 - Low level alarm
 - Cryo Sleeves

Thermo Scientific BioCane Storage Systems

	BioCane 20	BioCane 34	BioCane 47	BioCane 73
Catalog No.	CK509X2	CK509X3	CK509X4	CK509X6
LN ₂ capacity (liters)	20.5	34.8	47.4	73
Canisters per unit	6	6	6	8
Canister dimensions: in. (cm)	11 x 1.5 Dia. (27.9 x 3.8)	11 x 2.8 Dia. (27.9 x 7.1)	11 x 4 Dia. (27.9 x 10.2)	11 x 4 Dia. (27.9 x 10.2)
Canes per canister	5	20	42	42
Total vial capacity (6/cane)	180	720	1512	2016
Total straw capacity (10/cane)	300	1200	2520	3360
Static evaporation rate ¹ (liters/day)	.1	.18	.4	.6
Neck diameter: in. (cm)	2 (5.1)	3.5 (8.8)	5 (12.7)	6 (15.2)
Exterior dimensions Diameter x height: in. (cm)	14.5 x 25.7 (36.8 x 65.3)	18.2 x 26.6 (47.2 x 67.6)	20 x 26.5 (50.8 x 67.3)	22 x 27.3 (55.9 x 69.3)
Shipping weight	29 lbs. / 13.2 kg	41 lbs. / 18.6 kg	47 lbs. / 21.4 kg	95 lbs. / 43.2 kg
Regulatory listings	CE	CE	CE	CE

¹ Static evaporation rates based on new vessel, no heat load, and no lid openings. Rates may vary due to ambient conditions and usage.



› **Quality Services Available (Must be ordered with equipment)**

260045	Temperature Mapping
260043	Certificate of Conformance

› **Thermo Scientific BioCane Accessories**

	BioCane 20	BioCane 34	BioCane 47	BioCane 73
Vials, 1 mL, case of 500	AY509X32	AY509X32	AY509X32	AY509X32
Cryogenic vials(E), case/500, 1.2 mL, 13.5 mm O.K., 38.1 mm H	AY509X13	AY509X13	AY509X13	AY509X13
Vials, 1.5 mL, case of 500	AY509X33	AY509X33	AY509X33	AY509X33
Cryogenic vials(E), case/500, 2.0 mL, 13.5 mm O.K., 48.3 mm H	AY509X12	AY509X12	AY509X12	AY509X12
Low level alarm	8130	8130	8130	8130
Wheeled accessory cart (5 in. high)	AY509X9	AY509X9	AY509X9	AY509X1
Square rack option interchangeable with canisters (includes 5 cardboard boxes, each box with 25 cell dividers*)	N/A	N/A	195555	N/A
One cryo cane, 1.2 mL – 6 ampule	4000211	4000211	4000211	4000211
CryoSleeve (100 per case, length 273 mm / 10.75 in.)	4000218	4000218	4000218	4000218