



Thermo Scientific BioCane Canister and Cane Systems

Our BioCane canister and cane systems cost-effectively store cell, tissues or other biological samples. Available in four sizes, the system can safely hold samples for up to seven months without replenishing LN₂.



- Models include six stainless-steel canisters to accommodate vials (eight with BioCane 73 – Shown here with optional hinged handle.)
- Canisters are color-coded to simplify sample identification
- Durable aluminum construction and vacuum insulation
- Narrow-mouth design minimizes LN₂ evaporation
- Secure locking clasp





Thermo Scientific BioCane

Order Information

Product Name	BioCane 20	BioCane 34	BioCane 47	BioCane 73
Cat. No.	1167591	1167592	1167593	13762351
Application	Portable Sample Storage Vessel	Portable Sample Storage Vessel	Portable Sample Storage Vessel	Portable Sample Storage Vessel
Storage Type	Manual Fill / Canister	Manual Fill / Canister	Manual Fill / Canister	Manual Fill / Canister
LN ₂ Capacity	20.5 Liters	34.8 Liters	47.4 Liters	73 Liters
Static Evaporation Rate – <i>See footnote (1)</i>	0.1 Liters / Day	0.18 Liters / Day	0.4 Liters / Day	0.6 Liters / Day
Static Holding Time	227 Days	193 Days	121 Days	121 Days
Neck Diameter	2.0 inch / 5.1cm	3.5 inch / 8.8cm	5.0 inch / 12.7cm	6.0 inch / 15.2cm
Number of Canisters (included)	6	6	6	8
Canister Dimensions	11" L x 1.5" Dia (27.9 x 3.8cm)	11" L x 2.8" Dia (27.9 x 7.1cm)	11" L x 4" Dia (27.9 x 10.2cm)	11" L x 5" Dia (27.9 x 12.7cm)
Maximum System Capability				
Number of Canes per canister	5	20	42	60
Vial Capacity 1.2mL (6 per cane)	180	720	1,512	2,880
Vial Capacity 2mL (5 per cane)	150	600	1,260	2,400
Vial Capacity 4mL (3 per cane)	90	360	756	1,440
Vial Capacity 5mL (2 per cane)	60	240	504	960
Straw Capacity (10 per cane)	300	1,200	2,520	4,800
Vessel Exterior Dimension				
Diameter x Height	14.5 x 25.7 inch 36.8 x 65.3cm	18.2 x 26.6 inch 46.2 x 67.6cm	20.0 x 26.5 inch 50.8 x 67.3cm	22.0 x 27.3 inch 55.9 x 69.3cm
Product Weight				
Empty	26 lbs. / 11.8 kg	34 lbs. / 15.4 kg	39 lbs. / 17.7 kg	52 lbs. / 23.6 kg
Full	63 lbs. / 28.2 kg	96 lbs. / 43.5 kg	120 lbs. / 54.5 kg	192 lbs. / 87.3 kg
Packaged / Shipping	29 lbs. / 13.2 kg	41 lbs. / 18.6 kg	47 lbs. / 21.3 kg	95 lbs. / 43.2 kg
Accessory				
Vials				
1mL, case of 500	1167648	1167648	1167648	1167648
Cryogenic Vials(E), case/500, 1.2mL, 13.5mm O.K., 38.1mm H	13262843	13262843	13262843	13262843
1.5mL, case of 500	1167649	1167649	1167649	1167649
Cryogenic Vials(E), case/500, 2.0mL, 13.5mm O.K., 48.3mm H	13262842	13262842	13262842	13262842
Misc.				
Low Level Alarm	TF8130	TF8130	TF8130	TF8130
Wheeled Accessory Cart (5 inches high)	1167016	1167016	1167016	116762
Square Rack Option interchangeable with canisters (includes 5 cardboard boxes, each box with 40 cell dividers) – <i>See footnote (2)</i>	N/A	N/A	TF195555	N/A
Hinge Handle Canister	N/A	N/A	N/A	13262828
One Cryo Cane, 1.2mL – 6 Ampule	11679113	11679113	11679113	11679113
CryoSleeve (100 per case, length 273mm / 10.75 inches)	1157661	1157661	1157661	1157661
Warranty				
Vessel Vacuum	5 Years	5 Years	5 Years	5 Years
Parts	2 Years	2 Years	2 Years	2 Years
Regulatory Listing				
	CE	CE	CE	CE

Footnotes:

- (1) Static evaporation rates are based on new container performance with no lid openings and no product loads. Actual working performance may vary with individual applications.
 (2) 1.2 / 2mL vial capacity with each square rack is 125 vials