

Buckets and Coolers

Igloo Cooler Ice Bucket

This large capacity cooler was designed for efficient thermal storage of ice and dry ice during use on the laboratory bench. The polystyrene body and lid have a double insulated wall filled with expanded polystyrene foam which is smooth, easy to clean and chemically resistant. Design has four support holes that accept single channel pipettes.

External Dimensions: 280mm x 300mm x 200mm (H x W x D)



Number	Description	Price
190-101	Igloo Cooler	165.00
190-102	Lid for Igloo Cooler	127.20

DyNA Chill™ Portable Cooler.

Keep your samples cold as ice for 8 hours or more. This handy little item is ideal for enzyme storage and transporting. A patented design holds refrigerant in the sides, bottom and lid so ice is not required. Also, the DyNA Chill is small enough to fit in the palm of your hand, yet holds 12 × 1.5/2.0ml micro-centrifuge tubes.



Number	Description	Price
D-3500	DyNA Chill Portable Cooler, 0 °C	57.00
D-3501	DyNA Chill Portable Cooler, -15 °C	60.00
C-1205	Adapters for 0.5 ml tubes, 6/Pk	48.05



Maxi Ice Pan • Midi Ice Pan • Mini Ice Pan

- Solid, molded in one piece
- Expanded polyvinyl chloride (PVC)
- Impervious to moisture or odors and non-sweating
- Resistant to temperatures from -321°F (-196°C) to 200°F (93°C)
- Ideal for ice, dry ice, -alcohol slurry and liquid nitrogen
- Chemically resistant to highly acidic and basic solutions, salts, alcohol, chloroform, phenol, etc.
- Available in three colors: Blue, Black, and Green

Rectangular test tube racks for the Maxi Ice Pan and Midi Ice Pan

- Expanded Polyvinyl Chloride (PVC)
- Test tubes are gripped firmly yet are easy to insert and remove
- Suitable for work in ice or dry ice
- Float in water baths, melted ice, dry ice-alcohol slurry, or liquid nitrogen
- Available with pre-bored holes in straight lines or as blank racks to design your own configurations
- Available in three colors: Blue, Black, and Green

Buckets and Coolers



Nicer Ice Bucket with Lid · Handy Ice Bucket with Lid

- Same features as Maxi Ice Pan, but has a round shape and comes with a lid

Round Test Tube Racks for the Nicer and Handy Ice Buckets

- Same features as the test tube racks for the Maxi Ice Pan and Midi Ice Pan, except that it is round in shape
- Contoured to rest steadily in the Nicer and Handy Ice Buckets

Number	Description	Price
#4820	Maxi Ice Pan – Rectangular	180.00
#4810	Midi Ice Pan – Rectangular	121.05
#4805	Mini Ice Pan – Rectangular	72.00
#4430	Rectangular Rack (5/8" or 1.7cm thick) with 24 places for 15ml conical tubes or 14ml Falcon tubes, for maxi and midi ice pans.	53.10
#4420	Blank Rectangular Rack (5/8" or 1.7cm thick) - to bore your own holes in the exact size and location that you need. For maxi and midi ice pans.	50.30
#4410	Rectangular Rack (3/8" or 1 cm thick) with 36 places for 1.5ml microcentrifuge tubes. For maxi and midi ice pans.	53.10
#4400	Blank Rectangular Rack (3/8" or 1cm thick) - to bore your own holes in the exact size and location you need. For maxi and midi ice pans.	50.30
#0004	Nicer Ice Bucket with lid - approximately 4L capacity	150.00
#0003	Handy Ice Bucket with lid - approximately 2.5L capacity.	120.00
#4530	Round Rack (5/8" or 1.7cm thick) with 30 places for 15ml conical tubes or 14ml falcon tubes. For the Nicer and Handy Ice Buckets.	48.00
#4520	Blank Round Rack (5/8" or 1.7cm thick) - to bore your own holes in the exact size and location you need. For the Nicer and Handy Ice Buckets.	42.00
#4510	Round Rack (3/8" or 1cm thick) with 44 places for 1.5ml microcentrifuge tubes. For the Nicer and Handy Ice Buckets.	48.00
#4500	Blank Round Rack (3/8" or 1cm thick) - to bore your own holes in the exact size and location you need. For the Nicer and Handy Ice Buckets.	42.00

(# = 11 for blue, 31 for black, and 71 for green.)

Nova Chill and Nova Rack



\$ 60.00 Each

**Select a color of your choice
when ordering, until stock is
exhausted**

NC01 Red NovaChill
NC02 Blue NovaChill
NC03 Green NovaChill

NovaChamber is a tube rack with cooling capability. Water can be frozen inside the rack, chilling the sturdy polypropylene collar which houses the sample tubes. A snap-on bottom cover is designed to seal the liquid inside. NovaChamber accommodates all commonly used tube sizes: 24 microcentrifuge tubes (0.5-2 mL), 14 tubes (12x75 mm culture tube, cryovial and a variety of blood tubes), 7 tubes (15 mL centrifuge tube) and one 50 mL tube. The cooling can be regenerated by simply placing the NovaChamber in the freezer to refreeze the liquid inside. Lower temperature limit is 0°C. Not for use below 0 C.

Tropi Cooler

Digital Block Heater/Cooler (Temperature Range: -19°C to +69°C)



- Dynamic temperature range -19°C to +69°C makes it extremely versatile
- Microprocessor controlled temperature selection
- Large LCD is easily seen throughout the lab
- Peltier effect heat pumps use no compressors or CFC's
- Dry heat and cold are excellent alternative to ice buckets and water baths
- Supplied with two machined aluminum blocks each with a capacity for 14 x 1.5 ml micro-centrifuge tubes. Block has a self-contained recessed handle for easy transport. Additional modules for 0.5 or 0.5 and 1.5 ml tubes are available.

	Specifications	Applications
Temp. Range:	-19°C to +69°C	Storing frozen restriction enzymes or DNA libraries Nick translation or ligation reactions Warm incubation of micro-tubes Store oocytes
Performance:	Typically ± 0.5°C from set point	
Wells Dimensions:	2 wells each 8.7 cm x 5.7 cm x 3.7 cm 24.8 cm x 28.6 cm x 18.4 cm	
Weight:	4.5kg	
Power:	115V, 100 W	

Number	Description	Price
260014	Tropi Cooler with 2 blocks each holding 14 x 1.5ml tubes. 110V	2,105.45
260055	Block Module with extractor: 7 x 0.5ml and 7 x 1.5ml tubes	102.30
260052	Block Module with extractor: 14 x 0.5ml tubes	88.90

Mini-Fridge and Micro-Cooler 11

From 4°C to ambient with ± 0.5°C from set-point

Micro-Cooler 11 is supplied with Rack for 21 x 1.5ml tubes

Applications:

Best for maintaining 14°C used in ligation or for storing oocytes at 17°C
Cooling blood samples prior to coagulation testing
Storing samples at 4°C

Features:

Peltier cooling; no need for compressor
Functions as a refrigerated bath
Microprocessor based easy to set
LCD display is seen throughout the lab
Compact design requires little space
Utilizes standard 2" x 3" x 3" dry block
Accommodates small beakers, flasks and microplate block



Number	Description	Price
260009	MiniFridge. 115V	1,338.25

Number	Capacity: Tubes	Price
110006	35 x 6mm	77.35
110010	20 x 10mm	77.35
110013	20 x 13mm	77.35
110016	12 x 16mm	77.35
110020	6 x 20mm	77.35
110025	6 x 25mm	77.35
110035	3x25/5x13/6x6	77.35

Number	Capacity: Tubes	Price
110040	24 x 1.5ml	100.00
110045	24 x 0.5ml	100.00
110048	48 x 0.2ml	100.00
110051*	1 x 96 MTP	210.00
110096*	1 x 96 DWP	232.50
110099	24 x 1.5 DNT	142.00

* Dimensions on 110051 are 14.8 cm x 9.5cm x 4.4cm

* Dimensions on 110096 are 15.3 cm x 9.6 cm

Number	Description	Price
260010	Micro-Cooler with 1 Rack for 21 x 1.5ml Tubes, 115 V	1,338.00

Buckets and Chillers



Polar-Block

Features	Applications
<ul style="list-style-type: none"> • Maintain temperatures 35° to 39°C below ambient (-15°C) • Accomodates one machined block • LCD is easily seen throughout the lab • Peltier technology is environmentally safe. No compressors or CFC's • Active cooling eliminates worry of leaving samples on bench too long in freezer blocks • Supplied with one machined block with capacity of 14 x 1 .5 ml microtubes and flat plastic lid • Additional blocks as well as blocks for 0.5 ml and combination 0.5 and 1 .5 ml tubes are also available. 	<p>Intermediate term storage of restriction enzymes, DNA libraries, other labile reagents</p> <p>Ethanol precipitation</p> <p>Any application that will benefit from the convenience of a bench-top freezer</p>

Number	Description	Price
260013	Polar Block. 115V	1,325.00

Number	Capacity: Tubes	Price
260152	14 x 1.5ml	90.30
260052	14 x 0.5ml	89.00

Number	Capacity: Tubes	Price
260055	7 x 1.5 & 7 x 0.5	102.30
Blocks are interchangeable with Mini-fridge and Dry-Block		

COOL BLOCK ALB-6400

The temperature controller allows for auto-tuning and is equipped with solid-state proportional device for precise temperature control and safety cut-off. Peltier heat pump device is used for heating and cooling and aluminum blocks are used for good conduction properties and easy cleaning. For convenience and versatility, several blocks are available for most routine applications.

HEATING BLOCK ALB-64 and ALB-128

Similar to the **ALB-6400** but offers heating only, from ambient + 5°C to 150°C. **ALB-128** is a dual capacity unit with a single controller.

	SPECIFICATION:
Temperature range:	0 - 65°C (ALB-6400)
Temperature range:	Ambient +5 - 65°C (ALB-64/128)
Temperature uniformity:	± 0.1°C - ± 0.2°C
Temperature resolution:	0.1°C
Cooling method:	Peltier heat pump (ALB-6400)
Heating method:	Heater, 110V, 65 W, 2 ea.
Material:	Aluminum & stainless steel
Dimension: ALB-6400	190 x 278 x 230 (mm, w x d x h)
ALB-64	148 x 230 x 155 (mm, w x d x h)
ALB-128	238 x 230 x 155 (mm, w x d x h)
Block dimension:	90 x 90 x 62 (mm, w x d x h)
Weight:	(9 kg ALB-6400) (5/8 kg ALB64/128)



Tools for DNA ligation

Buckets and Coolers

Ordering Information:

Number	Description	Price
ALB-6400	Peltier Cooling/Heating Block	1,453.25
AB-90-02	Aluminum block for 64 x 0.2ml tubes. For use with ALB-6400, ALB-64, ALB-128	186.00
AB-90-05	Aluminum block for 49 x 0.5ml tubes. For use with ALB-6400, ALB-64, ALB-128	168.00
AB-90-1.5	Aluminum block for 36 x 1.5ml tubes. For use with ALB-6400, ALB-64, ALB-128	147.25
ALB-64	Heating Block, Single Block	900.00
ALB-128	Heating Block, Dual Block Capacity	1,062.40
ALB-90-12	Aluminum Block for 12 mm diameter glass tubes. Maximum capacity: 36	177.60
ALB-90-13	Aluminum Block for 13 mm diameter glass tubes Maximum capacity: 36	177.60
ALB-90-15	Aluminum Block for 15mm diameter glass tubes. Maximum capacity: 25	158.25
ALB-90-16.5	Aluminum Block for 16.5 mm diameter glass tubes. Maximum capacity: 20	142.00
ALB-90-18	Aluminum Block for 18 mm diameter glass tubes. Maximum capacity: 20	142.00
GB-90	Aluminum Block for sand or ball	209.00