



Piezo Electric Gas Lighter

Don't Play with Matches! Reach for Your Scienceware® Piezo Electric Lighter.

A hazard-proof lighter, without an open flame. Just what you need for safely lighting Bunsen burners, gas stoves, propane or oxy-acetylene torches.

Requiring no batteries or fuel refills, it eliminates the difficulties of striking flint. The comfortable plastic pistol-grip has a push-button trigger that creates an electrical spark at 20Kv with each squeeze. 265mm (10⁷/₁₆") long, it weighs 88 gm (3.1 ounce).

CATALOG NO.	PRICE/EACH
H15056-0000	\$26.70



Thermajust® Infra-Red Heater

Controlled Heating and Drying

The Thermajust® Infra-Red Heater provides 271°C (500°F) at 51mm (2") distance. The 375 Watt lamp has variable intensity and a 30 minute timer with a hold setting for longer periods. The intensity control has a range from 15% to 80% as well as a 100% setting. The flexible gooseneck is 45.7cm (18") long. Ideal for keeping mice warm during surgery. Housing and base plate are stainless steel. 120VAC, 60 Hz. Shipping weight is 4.5 kg (10 lbs).

CATALOG NO.	PRICE/EACH
H15085-0000	\$498.00



Ice Bucket

Economical, Large Capacity Cooler Is Stackable Even When Full

An economical solution to benchtop cooling, this durable ice bucket has a generous 4.3 liter (145 ounce) capacity for keeping bottles, test tubes and temperature sensitive samples cool for hours. The rigid polyurethane foam is waterproof and durable. The bucket works as an excellent insulator that keeps ice from melting for extended periods of time. It will

not rust, leak or sweat and is inert to acetone, liquid nitrogen, dry ice and salt. An inset cover of the same material has a pick-up knob in the center for easy removal. A tapered shape allows stacking for easy storage. The recessed knob allows stacking even when full. 18.7cm (7³/₈") high, top inside diameter is 22.9cm (9") tapering to 15cm (6") at the bottom.

CATALOG NO.	PRICE/EACH
F18848-0000	\$55.00



Freez Guard™ Alarm

Alarm Will Sound for Up to Three Days

Prevent costly, time consuming sample loss with this practical battery operated system. The Freez Guard™ Alarm monitors freezers and coolers and detects any variance from temperatures between -20°C and 13°C (-5°F to 55°F), ±1% which are pre-set by the user. The resonant alarm will continue to sound for up to three days if the temperature

falls out of the pre-set range. Should the temperature correct itself, an LED will indicate that a variance has occurred. The alarm can be reset manually. A beep will signal when the 9V battery (not included) is low. For added protection and extra life, a second battery can be connected. The unit mounts with self-adhesive tape or screw. With a 3 meter (10 feet) probe lead the unit is 86W x 35D x 27mm H (3⁵/₁₆ x 1¹/₂ x 5¹/₁₆"). Weight without battery is 144gm (5.1 oz).

CATALOG NO.	DESCRIPTION	PRICE/EACH
H37866-0000	Fahrenheit	\$127.20
H37866-0001	Celsius	127.20

Frigimat® Dry Ice Maker

U.S. Patent Des. 220,454

Produce the Dry Ice You Need Right in the Lab

The Frigmat® Dry Ice Maker eliminates the need to buy large quantities of dry ice when only a little is needed. It employs the Joule-Thomson effect to produce a solid 454gm (16 oz) block of dry ice in one to two minutes. A brass relief valve safely vents excess gas. Removing the dry ice block requires just 30 seconds. Each 50lb. Cylinder of liquid CO2 will make 8 or 9 blocks of dry ice, each measuring 8.5cm (3³/₈") x 11cm (4¹/₈") long. Made of epoxy-coated steel with an aluminum ice chamber and brass valves with four non-skid rubber feet. Dimensions are 30 x 17 x 13cm (12 x 6¹/₂ x 5") high. Shipping weight 5.5kg (12 lbs). Includes a 1.8m (6 feet) nickel plated copper connecting tube with standard GCA 320 (.830"-14) thread couplings for easy attachment to a LCO2 cylinder.



CATALOG NO.	DESCRIPTION	PRICE/EACH
H38878-0010	Frigimat® Dry Ice Maker (U.S. model)	\$684.45
H38878-0012	Europe model	684.45
H38878-0013	Japan model	684.45

Economy Frigmat® Dry Ice Maker

US Patent Des. 298,754

Uses High Density Polyethylene Chamber for Molding Dry Ice

The Economy Frigmat® Dry Ice Maker produces a solid 454gm (16 ounce) block of dry ice in one to two minutes. Each



50lb. cylinder of liquid CO2 will make 8 or 9 blocks of dry ice measuring 92 x 102mm long (3⁵/₈ x 4"). A polyethylene ice chamber is held in place by a metal clamping mechanism and a porous polyethylene diffusion plate vents excess gas. The unit also features a built-in gas pressure gauge and relief valve. The epoxy-coated steel frame has four non-skid rubber feet to prevent sliding. Overall dimensions are 37 x 14 x 15cm H (14³/₄ x 5¹/₂ x 6"H) with a shipping weight of 3.9kg (8¹/₂ lbs). Includes a 1.8m (6 feet) nickel plated copper connecting tube with standard GCA 320 (.830"-14) thread couplings for easy attachment to a LCO2 cylinder.

CATALOG NO.	DESCRIPTION	PRICE/EACH
H38876-0000	Economy Frigmat® Dry Ice Maker (U.S. model)	\$440.40
H38876-0002	Europe model	463.50
H38876-0003	Japan model	489.90

Frigimat® Junior Dry Ice Maker

Produces Dry Ice in Flake or Snow Form

Dry ice flakes are useful for packing around irregularly shaped items and are easily produced as needed with the Frigmat® Junior Dry Ice Maker. A brass nozzle screws onto any USA LCO2 cylinder equipped with a dip tube. When the cylinder valve is opened about 3/4 turn, LCO2 expands into the bag to create dry ice snow. The valve is then closed and the bag is ready to be removed and emptied. Makes .77kg (1.7 lb) of flakes per bag. The cone is 13cm (5") long x 6 cm (2³/₁₆") diameter at end. The bag is 15W x 30cm L (6W x 12"L). Shipping weight .54kg (1.2 lbs). **12 per case.**



CATALOG NO.	DESCRIPTION	PRICE/EACH
F38886-0000	Ice Maker (U.S. model)	\$99.65
F38886-0001	Extra Bags	29.00
F38886-0002	Europe model	99.65
F38886-0003	Japan model	99.65