

Radiation Safety Consumables

Essentials for the laboratory environment



EXPERIENCE & EXPERTISE

Radiation Safety Essentials and Consumables

From radiation shields and scintillation cocktails to decontaminants and waste bins, LabLogic offer a comprehensive selection of products for working with radioactive elements within the laboratory environment.

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Instruments

LabLogic provide a range of radiation monitors which cover the whole spectrum of contamination and dose rate measurement requirements.

The company is also a leading provider of instruments and software for measurement and analysis of radioisotopes used in pharmaceutical, academic, nuclear medicine and research laboratories. Our systems include radiochromatography detectors and software for HPLC and TLC, liquid scintillation and gamma counters, radiation monitors, and microplate readers.

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Bind-It™



Bind-It™ Decontamination Fluid is the safe and highly effective way to remove Tc99m, radioactive iodine and other common nuclear medicine isotopes.

- Unique formula binds the isotopes and suspends them in solution so that they can be easily wiped away.
- Safe for use on delicate well counter detectors, thyroid probes, survey meters and gamma camera heads.
- Available as a concentrated cleaner, ready-to-use spray and a hand soap, all in convenient 8 fl oz (237 ml) and 32 fl oz (946 ml) sizes.

Order Code	Product	Quantity
PQ-3.4XX-34	Bind-It™ Concentrate Professional	8 fl oz (237 ml)
PQ-3.4XX-35	Bind-It™ Concentrate Professional	8 fl oz (237 ml), 12 pack
PQ-3.4XX-36	Bind-It™ Concentrate Professional	32 fl oz (946 ml)
PQ-3.4XX-37	Bind-It™ Concentrate Professional	32 fl oz (946 ml), 12 pack
PQ-3.4XX-38	Bind-It™ Ready-to-use Spray Professional	32 fl oz (946 ml)
PQ-3.4XX-27	Bind-It™ Ready-to-use Spray Professional (2 spray heads)	32 fl oz (946 ml), 12 pack
PQ-3.4XX-39	Bind-It™ Hand Soap Professional	32 fl oz (946 ml)
PQ-3.4XX-28	Bind-It™ Hand Soap Professional (2 pumps)	32 fl oz (946 ml), 12 pack
PQ-3.4XX-40	Bind-It™ Hand Soap for Home Use	8 fl oz (237 ml), 12 pack

LabClean™



A concentrated, economical and highly efficient solution for safe and fast removal of radioactivity from laboratory glassware, equipment and laboratory surfaces. It is also a superior general laboratory cleaner and degreaser.

In normal use, LabClean is diluted 1:50 with water, and the glassware allowed to soak overnight and rinsed clean with distilled water. Faster decontamination can be achieved by increasing the concentration to 1:20 and elevating the temperature. Agitation will greatly accelerate the process. For surface contamination, such as lab benches and tops, LabClean should be used undiluted.

Biodegradable and mild to the skin when diluted 1:50, LabClean is not only more effective than chromic acid but is safer to use as well.

Order Code	Product	Quantity
SG-CXX-01	LabClean™	1 Gallon (4.5 L)
SG-CXX-02	LabClean™ (Supplied with spray-head)	1 Quart (1.1 L)

Labmat™



Simplifies clean up and protects surfaces from stains and spills.

- Highly absorbent top surface traps water, dyes, corrosive chemicals and radioactive solutions.
- Flexible polyethylene backing prevents solutions from soaking through.

Order Code	Product	Dimensions	Quantity
CR-EXX-15	Labmat™ Roll	20" x 49 ft (508 mm x 15 m)	
CR-EXX-16	Labmat™ Sheets	20" x 24" (508 x 610 mm)	100/pk

Contamination Control

LabWipes™

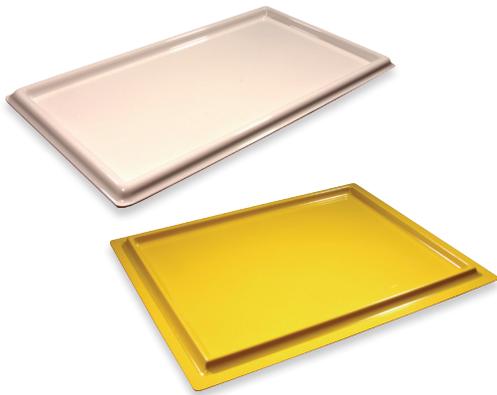


LabWipes™ eliminate the dependence of results on the direction of the filter paper and time.

Because LabWipes dissolve in scintillation fluid, there is no intact filter to absorb or attenuate beta emissions. Full 4π counting efficiency is achieved, giving reproducible results.

Order Code	Product	Quantity
CG-CXX-03	LabWipes™	100/pk

Safety Trays and Liners



Spill trays provide a reusable work area with the added benefit of safe containment of spillages and lab bench protection.

- Three types available – general purpose, radiation and biohazard.
- All trays come complete with one free liner.
- Additional liners available in packs of 25.

Order Code	Product	Dimensions	Quantity
CC-EXX-04	Radiation Hazard Tray, Yellow	18" x 10" (460 x 260 mm)	
CC-EXX-05	Radiation Hazard Tray, Yellow	21" x 13" (540 x 340 mm)	
CC-EXX-06	Radiation Hazard Tray, Yellow	22" x 21" (570 x 540 mm)	
CC-EXX-07	Radiation Hazard Tray, Yellow	27" x 21" (680 x 540 mm) (for cabinet)	
CC-EXX-08	Radiation Hazard Tray, Yellow	28" x 18" (700 x 460 mm)	
CC-EXX-09	Liners	18" x 10" (460 x 260 mm)	25/pk
CC-EXX-10	Liners	21" x 13" (540 x 340 mm)	25/pk
CC-EXX-11	Liners	22" x 21" (570 x 540 mm)	25/pk
CC-EXX-12	Liners	27" x 21" (680 x 540 mm) (for cabinet)	25/pk
CC-EXX-13	Liners	28" x 18" (700 x 460 mm)	25/pk

Stainless Steel Work Trays

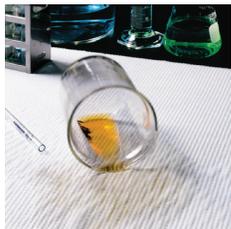


Stainless steel trays confine radiologicals, hazardous chemicals, acids and other potential contaminants.

- For maximum protection trays can be lined with absorbent covering.
- Available in three convenient sizes.

Order Code	Product	Dimensions
CR-EXX-21	Stainless Steel Work Tray	15" x 11" x 0.75" (380 x 270 x 19 mm)
CR-EXX-22	Stainless Steel Work Tray	19" x 13" x 0.75" (480 x 320 x 19 mm)
CR-EXX-23	Stainless Steel Work Tray	21" x 17" x 0.87" (540 x 420 x 22 mm)

Versi-Dry® Lab Soakers



Versi-Dry® Lab Soakers feature a highly durable blue top layer that remains intact even when wet. They absorb spills quickly and provide a soft thick cushion for fragile items.

- Each soaker is super absorbent up to 1050 ml/m².
- Available on rolls or pre-cut sheets.

Order Code	Product	Dimensions	Quantity
CR-EXX-18	Versi-Dry® Roll	20" x 98 ft (505 mm x 30 m)	
CR-EXX-19	Versi-Dry® Sheets	18" x 20" (455 x 505 mm)	50/pk
CR-EXX-20	Versi-Dry® Sheets	18" x 40" (455 x 1015)	25/pk

Safety Assay Mat™



Made from rayon with a cellulose filler and water resistant polyethylene backing this large size mat provides ample room to organise all work materials.

- Highly absorbent surface reduces the spread of contaminated liquids.
- Warning tape can be used to hold mat in place.

Order Code	Product	Dimensions	Quantity
CR-EXX-17	Safety Assay Mat™	18" x 24" (45 x 60 cm)	50/pk

FREE Samples

Free samples of scintillation cocktails, wipes, vials and Bind-It are available on request. Please contact our office.



Scintillation Counting Accessories

Bottle-top Reagent Dispenser



A precision quality bottle-top dispenser which attaches easily to all common reagent bottles with adapters supplied.

- Dispenses and reagent (except HF) with an accuracy of 0.7% and reproducibility of $\leq 0.1\%$.
- Constructed of chemical and heat resistant materials for trouble free performance and durability. Entire dispenser can be autoclaved at 121°C without disassembly.
- Positive locking selector allows precise dispensing over the entire volume range.
- Supplied complete with three bottle-top adaptors, discharge outlet and suction tube.

Order Code	Product
CR-DXX-10	Dispenser, 0 - 0.08 fl oz (0 - 2.5 ml)
CR-DXX-11	Dispenser, 0.03 - 0.2 fl oz (1 - 5 ml)
CR-DXX-12	Dispenser, 0.07 - 0.3 fl oz (2 - 10 ml)
CR-DXX-13	Dispenser, 0.2 - 0.8 fl oz (5 - 25 ml)
CR-DXX-14	Dispenser, 0.3 - 2 fl oz (10 - 50 ml)

ViaLogic Scintillation Vials

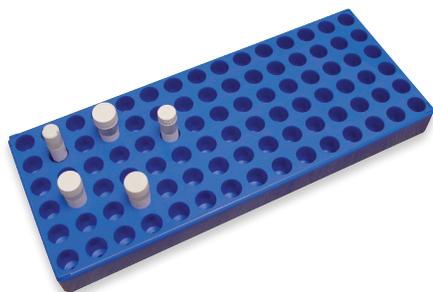


A range of low background glass vials, plastic vials and miniature vials for liquid scintillation counting applications.

Order Code	Product	Quantity
CR-DXX-18	0.7 fl oz (20 ml) Low Background Glass Vial with Foil lined Cap	500/case
CR-DXX-19	0.7 fl oz (20 ml) Low Background Glass Vial with Poly Disc lined Cap	500/case
CR-DXX-20	0.7 fl oz (20 ml) Low Background Glass Vial with Poly Cone lined Cap	500/case
CR-DXX-21	0.7 fl oz (20 ml) High Density Polyethylene Vials with Foil lined Cap	500/case
CR-DXX-22	0.7 fl oz (20 ml) High Density Polyethylene Vials with Poly lined Cap	500/case
CR-DXX-23	0.3 fl oz (8 ml) Low Background Glass Vial with Poly lined Cap	1,000/trays
CR-DXX-16	0.2 fl oz (7 ml) Linear Polyethylene MiniVial with Unlined Cap	1,000/bulk
CR-DXX-17	0.2 fl oz (7 ml) Linear Polyethylene MiniVial with Unlined Cap	1,000/trays
CR-DXX-51	0.17 fl oz (5 ml) Polypropylene MiniVial with Unlined Snap-Cap	1,000/bulk
CR-DXX-52	0.17 fl oz (5 ml) Polypropylene MiniVial with Unlined Snap-Cap	1,000/trays
CR-DXX-53	0.17 fl oz (5 ml) Borosilicate Glass Shells	8/trays (1,152)/case
CR-DXX-54	Polyethylene Vials with 0.9" (22 mm) Polyethylene Caps	
CR-DXX-55	Polyethylene Vials with 0.9" (22 mm) Foil Caps	

Scintillation Counting Accessories

Scintillation Vial Racks



Ideal for use when processing samples or transporting scintillation vials.

- Racks available to accommodate full size (0.7 fl oz) vials or miniature size 0.2 - 0.3 fl oz) vials.
- Heavy duty polypropylene trays have excellent chemical resistance and can be autoclaved.

Order Code	Product	Quantity
CR-EXX-02	Heavy Duty Polypropylene Trays 0.7 fl oz x 50 (20 ml x 50)	2 trays/pk
CR-EXX-03	Heavy Duty Polypropylene Trays 0.3 fl oz x 90 (8 ml x 90)	2 trays/pk

Scintillation Vial Storage Containers



A versatile acrylic container which provides a convenient system for storing or transporting scintillation vials.

- Container holds one tray of scintillation vials (100 x 0.7 fl oz (100 x 20 ml) capacity) and can be stacked for maximum storage space.
- Removeable end panel allows vial tray to be easily inserted and removed.
- Constructed of clear acrylic that also provides beta radiation shielding.
- Can be stored in freezers at temperatures down to -70°C.

Order Code	Product	Dimensions
CR-DXX-15	Scintillation Vial Storage Container	13" x 13" x 3" (336 x 336 x 82 mm)

Vial Trays and Partitions



These sturdy trays and partitions provide economical storage for 0.7 fl oz (20 ml) capacity glass or plastic vials.

- The corrugated tray assembles quickly without staples or tape.
- Smooth white surface promotes a clean looking exterior.
- Partitions have individual compartments that separate each vial.
- Accommodates 100 vials in a 10 x 10 configuration.

Order Code	Product	Dimensions	Quantity
CR-EXX-01	Cardboard Tray 100 Divisions 0.7 fl oz (20 ml) size vial	Tray: 13" x 13" x 3" (336 x 336 x 82 mm) Partition: 12" x 12" x 2" (298 x 298 x 45 mm)	10 trays and partitions/pk

Scintillation Cocktails

FlowLogic U



An advanced, low viscosity, high uptake multi-purpose cocktail for flow applications.

- Accepts a wide range of HPLC gradients at 1:1 ratio, providing high counting efficiency (25% ^3H efficiency at 1:1 cocktail/sample).
- Even difficult samples such as 0.1 N NaOH mix rapidly to yield a clear, non-viscous emulsion.

Order Code	Product	Quantity
SG-BXX-19	FlowLogic U	1 Gallon (4 L)
SG-BXX-05	FlowLogic U	4 x 1 Gallon (4 L)
SG-BXX-06	FlowLogic U	5 Gallon (20 L) Drum

FlowLogic HA



A flow cocktail specifically designed for highly aqueous samples up to ratios of 2:1 scintillator to sample.

Order Code	Product	Quantity
SG-BXX-23	FlowLogic HA	1 Gallon (4 L)
SG-BXX-10	FlowLogic HA	4 x 1 Gallon (4 L)
SG-BXX-13	FlowLogic HA	5 Gallon (20 L) Drum

FlowLogic HS



Ideal for use in on-line HPLC flow detectors as well as in traditional static counting.

- Formulated to accommodate high salt and buffer samples whilst still delivering a biodegradable scintillation cocktail with high efficiency.
- Low viscosity and non-gelling.

Order Code	Product	Quantity
SG-BXX-21	FlowLogic HS	1 Gallon (4 L)
SG-BXX-08	FlowLogic HS	4 x 1 Gallon (4 L)
SG-BXX-11	FlowLogic HS	5 Gallon (20 L) Drum

SoFie Scint



An extremely low viscosity cocktail with a very high sample uptake capacity, making it ideal for use with the SoFie™ Stop-Flow System where extremely low levels of activity are being detected.

- Accepts a wide range of HPLC gradients at a 1:1 ratio, making samples less dilute and improving detection sensitivity.

Order Code	Product	Quantity
SG-BXX-20	SoFieScint	1 Gallon (4 L)
SG-BXX-17	SoFieScint	4 x 1 Gallon (4 L)
SG-BXX-18	SoFieScint	5 Gallon (20 L) Drum

ScintLogic U



A biodegradable and universal cocktail designed for a multitude of samples.

Order Code	Product	Quantity
SG-BXX-24	ScintLogic U	1 Gallon (4 L)
SG-BXX-01	ScintLogic U	4 x 1 Gallon (4 L)
SG-BXX-14	ScintLogic U	5 Gallon (20 L) Drum

ScintLogic LW



A biodegradable and economical cocktail ideal for wipe testing and compatible with LabWipes.

Order Code	Product	Quantity
SG-BXX-27	ScintLogic LW	1 Gallon (4 L)
SG-BXX-04	ScintLogic LW	4 x 1 Gallon (4 L)
SG-BXX-16	ScintLogic LW	5 Gallon (20 L) Drum

ScintLogic MM



Offers high counting efficiency and high sample hold capacity.

- Stable over a wide temperature range it avoids false results due to sample separation in cooled counters.
- High sample uptake, 0.2 fl oz (2.5 ml) sample per 0.3 fl oz (10 ml) of cocktail, makes it the ideal choice for economical counting.

Order Code	Product	Quantity
SG-BXX-02	ScintLogic MM	2 x 1 Gallon (4 L)

Scintillation Cocktails

ScintLogic X



A biodegradable cocktail for non-aqueous samples.

Order Code	Product	Quantity
SG-BXX-26	ScintLogic X	1 Gallon (4 L)
SG-BXX-03	ScintLogic X	4 x 1 Gallon (4 L)
SG-BXX-15	ScintLogic X	5 Gallon (20 L) Drum

AquaLight AB



Designed specifically for applications requiring exceptionally high alpha/beta separation properties.

- Delivery in 0.3 Gallons (1 L) aluminum bottles to ensure best stability.

Order Code	Product	Quantity
461-021	AquaLight AB	0.3 Gallons (1L)

FREE Starter Pack

FREE consumables starter pack available when you purchase a scintillation counter or gamma counter.



Modular Beta Workstation



Create an ideal size beta workstation with this unique modular system.

Simply slide 0.4" thick acrylic panels into upright joiners to form any size enclosure or barrier without using tools. Add the ergonomic beta front shield for a complete, personal size beta workstation. The system can be easily disassembled for convenient storage when not in use.

- All components are available separately in the standard sizes listed.
- Custom sizes can also be supplied.

Order Code	Product	Dimensions
CR-FXX-14	Acrylic Panel	18" x 24" (460 x 600 mm)
CR-FXX-15	Acrylic Panel	12" x 18" (300 x 460 mm)
CR-FXX-16	2 Way Joiner	18" (460 mm)
CR-FXX-17	Right Angle Joiner	18" (460 mm)
CR-FXX-18	4 Way Joiner	18" (460 mm)
CR-FXX-19	Hinged Joiner	18" (460 mm)

Brembox™



A stackable container constructed of 0.4" (10 mm) thick clear acrylic which provides shielding from beta radiation and allows efficient use of freezer space.

- Removable cover also serves as a portable shield.
- Safe for freezer storage to -70°C.

Order Code	Product	Dimensions
CR-FXX-26	Brembox™ 30 x 0.05 - 0.07 fl oz (1.5 - 2.0 ml) Tubes	6" x 5" x 3" (145 x 120 x 65 mm)

Beta Radiation Shields



A range of shields in a variety of shapes and sizes, with two styles of base ideal for different applications.

The flat base is 12" x 12" (300 x 300 mm) and offers under bench protection. The curved base is 6" (150 mm) deep and is designed for use in conjunction with a safety spill tray.

Order Code	Product
CC-FXX-01	Beta Shield, Small fixed 15° angle, Flat base
CC-FXX-02	Beta Shield, Small fixed 15° angle, Curved base
CC-FXX-03	Beta Shield, Large fixed 15° angle, Flat base
CC-FXX-04	Beta Shield, Large fixed 15° angle, Curved base
CC-FXX-05	Beta Shield, Small fixed 45° angle, Flat base
CC-FXX-06	Beta Shield, Small fixed 45° angle, Curved base
CC-FXX-07	Beta Shield, Large fixed 45° angle, Flat base
CC-FXX-08	Beta Shield, Large fixed 45° angle, Curved base
CC-FXX-09	Beta Shield, 3 sided
CC-FXX-10	Beta Shield, Hourglass, Flat base
CC-FXX-11	Beta Shield, Hourglass, Curved base
CC-FXX-12	Beta Shield, Adjustable
CC-FXX-13	Beta Base Plate

Shielding and Storage

Micro-Tube Caddy



Ideal for storing and carrying sample tubes this caddy is constructed of 0.4" (10 mm) thick acrylic with a hinged lid.

- Accommodates PCR tubes and micro-tubes.
- Safe for freezer storage to -70°C.

Order Code	Product	Dimensions
CR-FXX-28	Micro-Tube Caddy, 4 x 0.02 fl oz (0.5 ml) and 8 x 0.05 - 0.07 fl oz (1.5 - 2.0 ml) Tubes	5" x 2" x 3" (130 x 63 x 70 mm)
CR-FXX-29	Micro-Tube Caddy, 16 x 0.07 fl oz (2.0 ml) Tubes	5" x 2" x 3" (130 x 63 x 70 mm)

Micro-Tube Shields



Clear acrylic for maximum viewing of sample tubes, the shield is 0.4" (10 mm) thick and holds 24 x 0.05 - 0.07 fl oz (1.5 - 2.0 ml) and 15 x 0.02 fl oz (0.5 ml) tubes.

- Safe for freezer storage to -20°C.

Order Code	Product	Dimensions
CR-FXX-24	Micro-Tube Shield	5" x 4" x 3" (130 x 89 x 70 mm)
CR-FXX-22	Micro-Tube Shield, Small (Clear)	4" x 2" x 2" (89 x 40 x 57 mm)

Micro Tube Cap Locks



Ideal for high temperature incubations, freezing and thawing procedures.

- Locks prevent lids from opening during temperature and pressure changes.
- Tab design allows tubes to be lifted easily in and out of water baths.
- Supplied 100 per package in assorted colours.

Order Code	Product	Quantity
CR-DXX-42	Micro Tube Cap Locks, 0.02 - 0.022 fl oz (0.5 - 0.65 ml)	100/pk
CR-DXX-43	Micro Tube Cap Locks, 0.05 - 0.07 fl oz (1.5 - 2.0 ml)	100/pk

Micro-Tube Opener



Opens all 0.02 - 0.07 fl oz (0.5 - 2.0 ml) micro-tubes quickly and conveniently.

- Opener only touches the cap perimeter and reduces potential of aerosol contamination.
- Prevents thumb fatigue when processing large numbers of tubes.
- Made of autoclavable and chemical resistant polypropylene and supplied in assorted colours.

Order Code	Product	Quantity
CR-DXX-44	Micro-Tube Opener	25/pk

Beta Storage Containers



Large interior space for various size containers plus room for crushed ice.

- Clear 0.4" (10 mm) thick acrylic.
- Can be stored in a freezer to -70°C.

Order Code	Product	Dimensions
CR-FXX-64	Beta Storage Container	7" x 5" x 4" (180 x 115 x 90 mm)

Beta Shield Ice Box



Micro-Tube Rack Beta Shields



Beta Rackbox™



Rad-5 Lock Box™



Store in a freezer (to -70°C) or add crushed ice to keep samples cold for bench top use.

- Acrylic racks are designed to keep tubes in full contact with ice.
- Container is constructed of 0.4" (10 mm) thick heavy duty acrylic for shielding ^{32}P .

Order Code	Product	Dimensions
CR-FXX-31	Beta Shield Ice Box	4" x 10" x 5" (108 x 260 x 130 mm)
CR-FXX-32	Micro-Tube Rack, 40 x 0.05 fl oz (1.5 ml)	3" x 9" x 2" (82 x 216 x 57 mm)
CR-FXX-33	Micro-Tube Rack, 60 x 0.02 fl oz (0.5 ml)	3" x 9" x 2" (82 x 216 x 57 mm)

Acrylic beta shields (0.4" (10 mm) thick) for popular 80 well micro-tube racks and 96 well Flipper™ racks.

- Hinged door allows easy access.
- Shields are stackable and can be stored in a freezer to -70°C .
- Racks not included.

Order Code	Product	Dimensions
CR-FXX-38	Micro-Tube Rack Shield	4" x 9.8" x 3" (89 x 250 x 73 mm)
CR-FXX-39	Flipper™ Rack Shield	9" x 6" x 3" (230 x 165 x 80 mm)

Beta Rackbox™ provides convenient access to tubes when working with radioactive samples. Available in two styles with storage racks included.

- Removable end panel allows rack to slide in or out.
- Unique hinged lid can be positioned at any angle to serve as a shield.
- Constructed of heavy duty 0.4" (10 mm) thick clear acrylic.

Order Code	Product	Dimensions	Quantity
CR-FXX-34	Beta Rackbox™ with one PCR Tube Rack	4" x 6" x 4" (108 x 150 x 89 mm)	
CR-FXX-35	Beta Rackbox™ with two 4 way Flipper™ Racks	5" x 8" x 7" (130 x 200 x 190 mm)	
CR-FXX-36	PCR Tube Racks		5/pk
CR-FXX-35	4 Way Flipper™ Racks, Assorted colours		5/pk

Constructed of 0.4" (10 mm) thick heavy duty clear acrylic with a built-in cylinder key lock and tamper resistant hinges, the Rad-5 Lock Box™ is ideal for storing, handling and transporting assorted small bottles, vials and tubes.

- Large interior can be filled with crushed ice to keep samples cold.
- Safe for storage in a freezer to -70°C .

Order Code	Product	Dimensions
CR-FXX-74	Rad-5 Lock Box™	11" x 7" x 5" (275 x 170 x 120 mm)
CR-FXX-75	Rad-5 Lock Box™	11" x 7" x 5" (280 x 178 x 127 mm)
CR-FXX-76	Rad-5 Lock Box™	13" x 9.8" x 7" (325 x 250 x 170 mm)
CR-FXX-77	Rad-5 Lock Box™	13" x 9" x 7" (330 x 225 x 178 mm)

Shielding and Storage

Micro-Plate Beta Shields

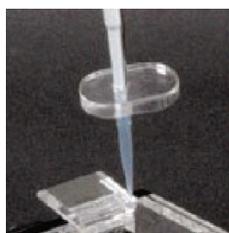


Convenient for storing and carrying 96 well assay or PCR plates containing radioactive samples.

- Heavy duty 0.4" (10 mm) acrylic shields ^{32}P beta emissions and provides a clear view of micro-plate and sample wells.
- Safe for freezer storage to -70°C .

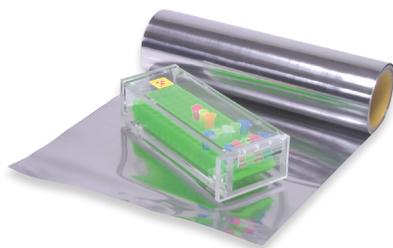
Order Code	Product	Dimensions
CR-FXX-40	Micro-plate Beta Shield with Hinged Cover	6" x 6.5" x 2" (150 x 165 x 45 mm)

Beta and Gamma Pipette Shields



Order Code	Product
CC-FXX-41	Pipette Shield, Biohit PS1000 Beta
CC-FXX-42	Pipette Shield, Biohit PS200 Beta
CC-FXX-43	Pipette Shield, Biohit PS5000 Beta
CC-FXX-44	Pipette Shield, Gilson P1000 Beta
CC-FXX-45	Pipette Shield, Gilson P20/100 Beta
CC-FXX-46	Pipette Shield, Gilson P200 Beta
CC-FXX-47	Pipette Shield, Biohit PS1000 Gamma
CC-FXX-48	Pipette Shield, Biohit PS200 Gamma
CC-FXX-49	Pipette Shield, Biohit PS5000 Gamma
CC-FXX-50	Pipette Shield, Gilson P1000 Gamma
CC-FXX-51	Pipette Shield, Gilson P20/100 Gamma
CC-FXX-52	Pipette Shield, Gilson P200 Gamma

Flexible Lead Foil



Flexible lead foil is ideal for wrapping around tubes, bottles or containers that require shielding from ^{125}I .

- Cuts and forms easily into almost any shape required.
- Supplied in 14" (355 mm) wide rolls in three thicknesses.

Order Code	Product	Dimensions	Weight
CR-IXX-04	Flexible Lead Foil	22 ft x 0.006" (6.7 m x 0.15 mm)	9.9 lb (4.5 kg)
CR-IXX-05	Flexible Lead Foil	9 ft x 0.01" (2.7 m x 0.38 mm)	9.9 lb (4.5 kg)
CR-IXX-06	Flexible Lead Foil	5 ft x 0.03" (1.5 m x 0.76 mm)	9.9 lb (4.5 kg)

Beta Transport Box



Includes a handy large sized lid on adjustable hinges which can also act as a shield when the unit is stationary.

Order Code	Product	Dimensions
CR-EXX-01	Beta Transport Box	3" x 12" x 1.5" (75 x 295 x 38 mm)

Vinyl Coated Lead Sheets



Lead sheets are 0.09" (2.2 mm) thick and provide effective shielding from ¹²⁵I.

- Lead sheets have a thick vinyl coating for easier and safer handling. Coating also prevents scratching on bench top and equipment.
- Entire sheet is flexible and can be easily formed around objects.

Order Code	Product	Dimensions
CR-IXX-01	Lead Sheet with protective coating	2" x 7" x 0.09" (50 x 178 x 7.2 mm)
CR-IXX-02	Lead Sheet with protective coating	2" x 12" x 0.09" (50 x 305 x 2.2 mm)
CR-IXX-03	Lead Sheet with protective coating	8" x 24" x 0.09" (203 x 610 x 2.2 mm)

Lead Acrylic Bench Top Shields



LabLogic's range of acrylic bench top shields provide shielding for low energy gamma emitters such as Iodine-125.

Lead acrylic has a working temperature range of +40°C to +48°C and should not be stored in a refrigerator or freezer. Lead acrylic thickness of 0.5" (12 mm) has a lead equivalency of 0.02" (0.5 mm), whilst the acrylic thickness of the 1" (35 mm) lead has an equivalency of 0.06" (1.5 mm).

Order Code	Product	Dimensions
CC-FXX-82	Gamma Shield, Flat base Large fixed 15° angle	Shield: 0.5" x 14" x 21" (12 x 350 x 530 mm) Base: 0.5" x 14" x 12" (12 x 350 x 300 mm)
CC-FXX-83	Gamma Shield, Curved base Large fixed 15° angle	Shield: 0.5" x 14" x 21" (12 x 350 x 530 mm)
CC-FXX-84	Gamma Shield, Flat base Small fixed 15° angle	Shield: 0.5" x 12" x 18" (12 x 300 x 450 mm) Base: 0.5" x 12" x 12" (12 x 300 x 300 mm)
CC-FXX-85	Gamma Shield, Curved base Small fixed 15° angle	Shield: 0.5" x 12" x 18" (12 x 300 x 450 mm)
CC-FXX-86	Gamma Shield, Flat base Large fixed 45° angle	Shield: 0.5" x 14" x 24" (12 x 350 x 600 mm) Base: 0.5" x 14" x 12" (12 x 350 x 300 mm)
CC-FXX-87	Gamma Shield, Curved base Large fixed 45° angle	Shield: 0.5" x 14" x 18" (12 x 350 x 450 mm)
CC-FXX-88	Gamma Shield, Flat base Small fixed 45° angle	Shield: 0.5" x 14" x 18" (12 x 350 x 450 mm) Base: 0.5" x 14" x 12" (12 x 350 x 300 mm)
CC-FXX-89	Gamma Shield, Curved base Small fixed 45° angle	Shield: 0.5" x 12" x 18" (12 x 300 x 450 mm)
CC-FXX-90	Gamma Shield, 3-sided	Front: 0.5" x 18" x 20" (12 x 460 x 500 mm) Base: 0.5" x 12" x 20" (12 x 300 x 500 mm)
CC-FXX-91	Gamma Shield, Flat base Hourglass	Front: 0.5" x 12" x 18" (12 x 300 x 450 mm) Base: 0.5" x 12" x 12" (12 x 300 x 300 mm)
CC-FXX-92	Gamma Shield, Curved base Hourglass	Front: 0.5" x 12" x 18" (12 x 300 x 450 mm)
CC-FXX-93	Gamma Base Plate	0.5" x 18" x 16" (12 x 450 x 410 mm)
CC-FXX-94	Gamma Shield, Adjustable	0.5" x 14" x 21" (12 x 350 x 540 mm) 0.5" x 21" x 14" (12 x 540 x 350 mm)
CC-FXX-95	Gamma Shield, Adjustable	1" x 14" x 21" (35 x 350 x 540 mm) 1" x 21" x 14" (35 x 540 x 350 mm)
CC-FXX-96	Duo Shield, Curved base Beta/Gamma	0.5" x 8" x 18" (12 x 200 x 450 mm)

Shielding and Storage

Lead Acrylic Storage Boxes



Order Code	Product	Dimensions
CC-FXX-97	Gamma Storage/Transport Box	5" x 6" x 3" (120 x 150 x 70 mm)
CC-FXX-98	Gamma Box, 0.3 Gallons (1 L)	3" x 4" x 5" (80 x 100 x 130 mm)
CC-FXX-99	Gamma Box, 2 Gallons (6.5 L)	6" x 11" x 6" (165 x 280 x 140 mm)
CC-FXX-100	Gamma Tip Box, 0.5 Gallons (2 L)	5" x 5" x 5" (130 x 130 x 130 mm)
CC-FXX-101	Gamma Multi Tip Box, 0.5 Gallons (2 L)	5" x 5" x 5" (130 x 130 x 130 mm)
CC-FXX-102	Gamma Bin, 0.9 Gallons (3.3 L)	6" x 6" x 6" (150 x 150 x 150 mm)
CC-FXX-103	Gamma Bin, 3 Gallons (10 L)	8" x 8" x 9.8 (200 x 200 x 250 mm)
CC-FXX-104	Gamma Bin, 4 Gallons (15 L)	9" x 8" x 15" (235 x 215 x 380 mm)
CC-FXX-105	Gamma Bin, 14 Gallons (53 L)	11" x 19" x 16" (270 x 490 x 400 mm)
CC-FXX-106	Gamma Box Mini	2" x 3" x 2" (55 x 85 x 55 mm)
CC-FXX-107	Gamma Box Midi	3" x 6" x 2" (85 x 165 x 60 mm)
CC-FXX-108	Gamma 2 Pig-pen Box	2" x 4" x 3" (60 x 100 x 70 mm)
CC-FXX-109	Gamma Work Cabinet	15" x 22" x 19" (370 x 550 x 490 mm)
CC-FXX-110	Gamma Carboy Cover	15" x 15" x 23" (380 x 380 x 590 mm)
CC-FXX-111	Gamma Box, 1 Gallon (3.5 L)	6" x 7" x 6" (150 x 175 x 140 mm)

Lead Acrylic Rack Inserts



Order Code	Product
CC-DXX-29	Insert, 15 x 0.5 fl oz (15 ml) Centrifuge Tubes (fits CC-FXX-99)
CC-DXX-30	Mini Insert, 16 x 0.05 fl oz (1.5 ml) Tubes (fits CC-FXX-106)
CC-DXX-31	Insert, 8 x 2 fl oz (50 ml) Centrifuge Tubes (fits CC-FXX-99)
CC-DXX-32	Mini Insert, 20 x 0.02 fl oz (0.5 ml) Tubes (fits CC-FXX-106)
CC-DXX-33	Insert, 3 x Falcon Tubes, 8 x 0.05 fl oz (1.5 ml) Tubes (fits CC-FXX-99)
CC-DXX-34	Midi Insert, 32 x 0.05 fl oz (1.5 ml) Eppendorf Tubes (fits CC-FXX-107)
CC-DXX-35	Insert, 2 x Falcon Tubes, 8 x 0.05 fl oz (1.5 ml) Tubes (fits CC-FXX-99)
CC-DXX-36	Midi Insert, 40 x 0.05 fl oz (1.5 ml) Eppendorf Tubes (fits CC-FXX-107)
CC-DXX-37	Insert, 8 x 0.7 fl oz (20 ml) Scintillation Vials (fits CC-FXX-99)
CC-DXX-38	Insert, 15 x 0.2 fl oz (5 ml) Scintillation Vials (fits CC-FXX-99)
CC-DXX-39	Insert, 8 x Universal (fits CC-FXX-99)
CC-DXX-40	Midi Insert, 16 x 0.05 fl oz (1.5 ml) and 16 x 0.02 fl oz (0.5 ml) Tubes (fits CC-FXX-107)
CC-DXX-41	Midi Insert, 32 x 0.07 fl oz (2 ml) Cryotubes (fits CC-FXX-107)

Custom Shielding

Custom made acrylic, lead acrylic shields and storage boxes.

Contact our office for a quotation.



Rad-Can™ 1



Ideal for micro-tubes and pipette tips.

- Durable hinged lid.
- 0.4" (10 mm) thick clear acrylic.

Order Code	Product	Dimensions	Quantity
CR-FXX-53	Rad-Can™ 1	7" x 7" x 8" (178 x 178 x 205 mm)	
CR-HXX-01	Clear Liner for Rad-Can™ 1		100/pk

Mini Rad-Can™



Compact and convenient for use in fume hoods.

- Durable hinged lid.
- 0.4" (10 mm) thick clear acrylic.

Order Code	Product	Dimensions	Quantity
CR-FXX-55	Mini Rad-Can™	5" x 5" x 7" (115 x 115 x 170 mm)	
CR-HXX-02	Clear Liner for Mini Rad-Can™		100/pk

Rad-Can™ 2



Holds 1 Gallon (4 litre) polyethylene bottle.

- Open/close funnel port.
- Durable hinged lid.
- 0.4" (10 mm) thick clear acrylic.

Order Code	Product	Dimensions
CR-HXX-57	Rad-Can™ 2	5" x 5" x 7" (115 x 115 x 170 mm)
CR-HXX-03	Storage Bottle for Rad-Can™ 2, 1 Gallon (4 Litre)	

Beta Shield Waste Container System



The beta shield waste container system is designed for storing contaminated items such as micro-tubes, pipette tips, gloves, glassware, etc.

The complete systems consists of a 0.4" (10 mm) thick clear acrylic container shield heavy duty waste receptacle and 0.1" (3 mm) poly liner. Each item is available separately.

- Heavy duty carton stores up to 2 ft³ (0.06 m³) of waste with a weight capacity of 97 lbs (34 kgs).
- Box is imprinted with the official radiation symbol and appropriate warning information.
- Yellow polyethylene liner printed with the radiation warning symbol is available for extra protection.

Order Code	Product	Dimensions	Quantity
CR-HXX-06	Corrugated Waste Box	12" x 12" x 25" (310 x 310 x 628 mm)	25/cs
CR-HXX-07	Heavy Duty Poly Liner	24" x 8" x 0.1" (610 x 195 x 3 mm)	25/cs

Beta Tip Box



Can be used in conjunction with drawstring bags to give a convenient and visible area to dispose of radioactively contaminated tips.

- Available for single channel pipettes, and for multi-channel pipettes.

Order Code	Product	Dimensions	Quantity
CC-FXX-69	Beta Tip Box, 0.5 Gallons (2 L)		
CC-FXX-70	Beta Multi-Tip Box, 0.5 Gallons (2 L)		
CC-FXX-71	Beta Tip Box, Large, 1 Gallon (5 L)		
CC-HXX-08	Drawstring Bag	6" x 6" x 6" (150 x 150 x 150 mm)	25/pk
CC-HXX-09	Drawstring Bag	10" x 8" x 8" (250 x 200 x 200 mm)	25/pk
CC-HXX-10	Drawstring Bag	16" x 19" x 11" (400 x 490 x 270 mm)	25/pk
CC-HXX-11	Drawstring Bag	24" x 11" x 11" (610 x 280 x 280 mm)	25/pk

Rad-2 Lock Box™



Designed to hold a 1 Gallon (3.8 litre) container for storing radioactive liquid waste.

- Lid is securely fastened with two adjustable tension hinges.
- 0.4" (10 mm) thick clear acrylic.
- Optional castors add 2" (60 mm) to height.

Order Code	Product	Dimensions
CR-FXX-81	Rad-2 Lock Box™	7" x 7" x 15" (185 x 185 x 385 mm)
CR-HXX-19	Polyethylene Bottle, 1 Gallon (3.8 L)	
CR-HXX-18	Set of 4 castors	

Rad-3 Lock Box™



A accommodates a 5 Gallon (19 litre) carboy for contaminated items such as gloves, tips, tubes and glassware.

- Durable hinged lid.
- Spill catch tray.
- Optional castors.

Order Code	Product	Dimensions
CR-FXX-80	Rad-3 Lock Box™	13" x 13" x 23" (340 x 340 x 585 mm)
CR-HXX-17	Polyethylene Carboy, 5 Gallons (19 L)	
CR-HXX-18	Set of 4 castors	

Rad-4 Lock Box™ Waste Storage System



A heavy duty, large storage capacity corrugated waste receptacle with 0.1" (3 mm) thick poly liner.

- Holds up to approximately 2 ft³ (0.06 m³) with a maximum weight of 97 lbs (34 kgs).
- Carton and liner printed with the official radiation symbol and appropriate warning.
- Available with optional castors (add 2" (60 mm) to height).

Order Code	Product	Dimensions	Quantity
CR-FXX-79	Rad-4 Lock Box™	16" x 16" x 27" x 0.4" (410 x 410 x 685 x 10 mm)	
CR-HXX-14	Corrugated Waste Box		25/cs
CR-HXX-15	Set of 4 castors		
CR-HXX-16	Heavy Duty Poly Liner		25/cs

Radioactive Material Waste Bags



Clear and yellow tinted bags produced in heavy duty polyethylene.

- Available in a range of convenient sizes.

Order Code	Product	Dimensions	Quantity
CR-HXX-20	Printed Bags, Yellow	8" x 6" x 15" (200 x 150 x 380 mm)	100/pk
CR-HXX-22	Printed Bags, Yellow	11" x 11" x 30" (280 x 280 x 760 mm)	100/pk
CR-HXX-23	Printed Bags, Yellow	24" x 36" (610 x 915 mm)	250/roll
CR-HXX-24	Unprinted Bags, Clear	8" x 16" (200 x 405 mm)	100/pk
CR-HXX-25	Unprinted Bags, Clear	10" x 12" (255 x 305 mm)	100/pk
CR-HXX-26	Unprinted Bags, Clear	12" x 18" (305 x 455 mm)	100/pk
CR-HXX-27	Unprinted Bags, Clear	12" x 20" (305 x 505 mm)	100/pk
CR-HXX-28	Unprinted Bags, Clear	14" x 16" (355 x 405 mm)	100/pk
CR-HXX-29	Unprinted Bags, Clear	24" x 36" (610 x 915 mm)	100/pk
CR-HXX-30	Unprinted Bags, Yellow	18" x 24" (457 x 610 mm)	25/pk
CR-HXX-31	Unprinted Bags, Yellow	33" x 40" (838 x 1016 mm)	25/pk

Hazard Signs



A range of tapes and labels for designating radioactive areas and vessels.

Order Code	Product	Dimensions	Quantity
CC-DXX-25	Radiation Labels	1" x 1" (25 x 25 mm)	25/pk
CC-DXX-26	Radiation Labels	2" x 2" (50 x 50 mm)	25/pk
CC-DXX-27	Radiation Tape	1" (25 mm)	1/pk

Monitors

Radhound Multi-purpose Digital Radiation Meter

An easy to use multi-purpose digital radiation survey meter suitable for all contamination monitoring and radiation protection applications.

- Clear digital LCD display with backlight.
- GM and scintillation detector options.
- Scaler timer function.
- Ergonomic tilt stand.
- Wall mountable.
- Fully adjustable alarm levels.



Radhound X/E and X/I

The Radhound X/E is an advanced hand-held general purpose radiation monitor, suitable for a wide range of probes. The X/I is a Radhound with an internal dose rate detector.

This feature-packed instrument boasts some unique features such as the ability to switch between probes via the menu allowing, for example, a dose rate probe and a contamination probe to be configured for use with one instrument. This flexibility allows any standard probe to be used (300 - 1200 V).



Handhound

Designed for use in 'wet-chemistry' radio-isotope handling situations where hands could be contaminated, the mains-operated Handhound voice activated monitor is an ideal solution.

- Entirely voice operated to avoid instrument contamination.
- Sensitive scintillation counter for gamma emitters.
- Automatic background updates.
- Fixed or dynamic alarm thresholds.
- Alternative detector options covering wide range of nuclides.
- Stainless steel housing for ease of cleaning and decontamination.
- Automatic record keeping against user names, to aid with HSE compliance.
- Touch-screen compatibility included as an alternative to voice operation.
- Data can be downloaded onto USB.





T401 and T403 Contamination Monitors

Designed to meet the challenge of combining operational reliability with excellent sensitivity the T401 and T403 offer a range of features including direct surface ability mode and peak reading.

- The detachable radiation probe of the T401 is supplied with up to 5 ft (1.5 metres) of extendable cable.
- The detector probe of the T403 is attached to 33 ft (10 metres) of cable, allowing the monitor to be used to survey surface contamination levels up to 33 ft (10 metres) away from the body of the monitor.
- Both monitors can be supplied with an extension pole kit to securely deploy the detector probe during monitoring operations.

T402 and T406 Dose Rate and X-ray Monitors

The T402 detects X-rays and gamma rays from 60 keV - 1.33 MeV. T406 operates between 17 keV - 1.33 MeV.

Both instruments are lightweight, yet robust and comfortable to use over extended periods. They are also waterproof, easy to clean and decontaminate.

Personal Electronic Dosimeter (PED)

Ideal for users who are not specially trained to measure radiation exposure, the PED family have been specially designed to be easy to use and understand. Encased in weather, shock and drop proof housings each PED features a smooth clean design and simple to use DoseVision™ software.

- Detects X-rays and gamma rays from 33 keV - 1.33 MeV.
- One touch operation.
- Easy to read large AMOLED display screen displaying dose rate, accumulated dose and animated silhouette indicating dose received.
- Waterproof up to 1 m.



NORM Monitor-IS

The ultimate tool for obtaining accurate NORM measurements in hazardous areas, the NORM Monitor-IS is ATEX approved with dual probe capabilities; Geiger Müller and scintillator.

- Large, easy to read LCD screen with bar graph and back light.
- On-touch integrate function that allows detection of very low activities for increased measurement accuracy.
- Live background subtraction and several measurement modes.
- Adjustable alarm thresholds for improved safety.



Benchtop Counting / Microplate Readers

Hidex Triathler Liquid Scintillation Counter

A compact and portable single-well instrument that provides instant results for liquid scintillation counting and luminescence measurements.

In liquid scintillation counting mode, Triathler has preset modes for ^3H , ^{14}C , ^{32}P , ^{33}P , ^{35}S , and reliable detection for most other radionuclides. The on-board software has data export capabilities to a printer or PC (Excel) and allows advanced spectrum analysis and optional instrument control.



Hidex 300 SL Liquid Scintillation Counter

The 300 SL employs Triple to Double Coincidence Ratio (TDCR) counting to provide instant DPM results without the need for any internal or external standards.

Completely controlled from an external PC with an easy-to-use, yet sophisticated software program which offers an unlimited number of pre-stored isotopes and protocols and automatic data export to Excel or other programs. The software also provides options for 21 CFR Part 11 compliance and extensive data reduction features such as quench curve analysis, IC/EC 50 value calculations etc.

Hidex AMG Automatic Gamma Counter

Specifically designed for Nuclear Medicine and PET applications, the Hidex AMG Automatic Gamma Counter delivers fast and accurate results every time.

Controlled by touchscreen operated software and using a 3" NaI crystal it provides superb counting efficiency, whilst its optimised lead shielding ensures low background and minimal interference from samples on the conveyor.



Hidex Sense Microplate Reader

An application ready high performance multi-mode microplate reader which uniquely combines liquid scintillation, beta and gamma counting, high sensitivity luminescence and all common non-radioactive detection technologies including special photometric detection into one very compact instrument.



Scan-RAM PET/SPECT radio-TLC Scanner

The Scan-RAM radio-TLC scanner is primarily intended to be used as a radio-TLC scanner for gamma (PET and SPECT) and high energy beta radionuclides to determine radiochemical purity (RCP) of different products.

This instrument can utilise a range of detectors, making it suitable for use with various levels of radioactivity.



Flow-RAM PET/SPECT radio-HPLC Detector

The Flow-RAM radio-HPLC detector is primarily intended to be used as a radio-HPLC system for gamma (PET and SPECT) and high energy beta radionuclides in both production and research and development areas.

This instrument can be connected to a range of detectors, making it suitable for use with various levels of radioactivity.

Beta-RAM radio-HPLC Flow Detector

Already in use in thousands of laboratories world wide the β -RAM has a well deserved reputation for the best sensitivity and reliability.

Whatever challenge your analysis presents, the β -RAM has a configuration to suit you. Coupled with the industry standard Laura radiochromatography data system it leads the way for radiochromatographers.



Posi-RAM Coincidence-Type Positron Flow-Through Counter

The Posi-RAM is specifically designed for the detection and quantification of low level PET metabolites.

Fitted with two independent counting channels, one for coincidences and a second channel available for gross gamma counts. Coupled with options such as Splitter and other accessories help make the Posi-RAM ideal for PET metabolite R & D laboratory environments.



Ordering Information

Order by Telephone

+1-813-626-6848

Customer service hours are Monday - Friday
0900 - 1700 EST

Order by Fax

+1-813-620-3708

Order by E-mail

consumables@lablogic.com

Customer service hours are Monday - Friday
0900 - 1700 EST

Order by Mail

Mail purchase orders to:

LabLogic Systems, Inc.
East Pointe Park, 1040 East Brandon Blvd.
Brandon, FL 33511-5509, USA

Please ensure that you include the following information:

- Order number
- Your delivery address
- Your invoice address
- Your e-mail address
- Telephone number
- Contact name
- Catalog number and quantity needed

A price list is available on application.

Delivery is charged at cost.

Normal delivery time will be 5 - 20 working days.

Large shipments by arrangement.

Payment terms are Net 30 days.

USA & Canada

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