

# Decontamination Kit

## Model 02-900

- Meets NRC Spill Kit Recommendations



This complete kit contains all the decontaminants, protective clothing, and accessories necessary for handling radioactive spills and other routine contamination problems in the lab. The kit comes in a 14-gallon yellow metal drum recommended for use when storing and disposing of radioactive waste.

### Kit components

- 14-gallon drum (1)
- Latex gloves (2 pair)
- Coveralls (2, large)
- Hoods (2, with necktie)
- Shoe covers (2 pair)
- Respirators (2)
- Rad-Con™ decontaminant (1 L)
- Rad-Con hand cleaner (1 can)
- Rad-Con surface cleaner (1 can)
- Sealable poly bags (10)
- Nip-tongs - 12 inch (1)
- Absorbent paper (1 roll)
- Film marking pen (2)
- Test wipes (package of 200)
- Decon cloth swipes (box of 500)
- Sponge mop, scrub brush, and plastic pail (1 each)
- Assorted warning signs, placards, and rope
- Radioactive spill report form
- Instructions for emergency procedures

**Weight of kit** 28.2 lb (12.7 kg)

**Available model(s)**

**02-900** Decontamination Kit



# Mini Decon Kit

## Model 02-900-5000

The Radiation Management Services business of Cardinal Health has once again designed the right product at the right price. Perfect for small nuclear medicine clinics and mobile services, the Mini Decon Kit contains a specially selected collection of products designed to prevent the spread of radiation contamination following a spill, satisfying all applicable federal and state requirements. Its compact size, easy storage and cost effectiveness make it the ideal solution for facilities that use limited quantities of radioactive material.

### Kit components

- Radi-Clean™ decontamination 16 oz spray
- Absorbent paper
- Remote handling tongs
- Radioactive warning signs & stickers
- Baggies for storing contaminated cleaning products
- Disposable scrub brush
- 5 gallon pail for easy storage

**Weight of kit** 11 lb (5 kg)

**Available model(s)**

**02-900-5000** Mini Decon Kit

**For additional information, please contact Cardinal Health, Radiation Management Services customer service at 440.248.9300, 800.850.4608, or fax: 440.349.2307; located at 6045 Cochran Road, Cleveland, Ohio 44139-3303, USA.**

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# Decontamination Kit

## Model 02-900

- Meets NRC Spill Kit Recommendations
- Buy as a Kit and Save



This complete kit contains all the decontaminants, protective clothing, and accessories necessary for handling radioactive spills and other routine contamination problems in the lab. The kit comes in a 14-gallon yellow metal drum recommended for use when storing and disposing of radioactive waste.

### Kit components

- 14-gallon drum (1)
- Latex gloves (2 pair)
- Coveralls (2, large)
- Hoods (2, with necktie)
- Shoe covers (2 pairs)
- Respirators (2)
- Rad-Con™ decontaminant (1 L)
- Rad-Con hand cleaner (1 can)
- Rad-Con surface cleaner (1 can)
- Sealable poly bags (10)
- Nip-tongs - 12 inch (1)
- Absorbent paper (1 roll)
- Film marking pen (2)
- Test wipes (package of 200)
- Decon cloth wipes (box of 500)
- Sponge mop, scrub brush, and plastic pail (1 each)
- Assorted warning signs, placards, and rope
- Radioactive spill report form
- Instructions for emergency procedures

**Weight of kit** 28.2 lb (12.7 kg)

**Available model(s)**

**02-900** Decontamination Kit

# Planchets

## Model 20-122



Planchets are available in a variety of sizes and materials, and are available to fit most sample counters. Ringed Planchets are available on request.

### Available model(s)

**20-122** Aluminum Planchet, 1 in Ø x 0.125 in (t). Weight 0.15 lb (0.06 kg), per 100

**20-152** Aluminum Planchet, 2 in Ø x 0.125 in (t). Weight 0.55 lb (0.24 kg), per 100

**20-252** Stainless Steel Planchet, 2 in Ø x 0.125 in (t). Weight 1.70 lb (0.76 kg), per 100

**20-253** Stainless Steel Planchet, 2 in Ø x 0.3125 in (t). Weight 2.15 lb (0.98 kg), per 100

# Decon Cloth Test Swipes

## Model 03-204

- For sampling wet or dry surfaces contaminated with radioactivity
- Includes record folders for eliminating cross-contamination and sample mix-up

These Swipes provide an efficient, convenient means of collecting samples of radioactive contamination on wet or dry surfaces. Each swipe consists of a self-sticking cloth disc, 1.75 inch diameter, attached to a record folder. The folder is used to: identify the sample, prevent cross-contamination of samples, transfer the Swipe to a counting facility, and store the sample until discarded. Each folder has spaces for inserting the date, time, location



of contamination, sample number, name of technician, count and type of radioactivity. A small flip-top box is included for transporting the swipe folders to the test area.

**Weight** 0.98 lb (0.45 kg)

**Available model(s)**

**03-204** Decon Cloth Test Swipes, box of 500

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# Rad-Con™ Decontaminants

## Model 03-301



Nuclear Medicine

- For laboratory surfaces and hands
- Foaming action rapidly “lifts” all types of radioactive contamination from work areas and skin

Rad-Con provides a rapid, safe means of removing radioactive contamination from the hands, skin, work areas and laboratory ware. Its foaming action “lifts” contaminants from surfaces and traps them in a foam which can be wiped off with absorbent material or flushed with water.

**Rad-Con Surface Cleaner**, cleans laboratory glass, plastic and metal ware, as well as areas such as work benches, storage containers, instrument housings, detectors, etc. The noncorrosive foam removes difficult substances (grease, resins and blood) even from rough surfaces.

**Rad-Con Hand Cleaner**, specially formulated for use on skin, contains no abrasives or skin irritants. It “lifts” contaminants from the pores and “holds” them in a solution until rinsed away.

Both cleaners are packaged in large aerosol spray cans. Net weight 18 oz; gross 2 lb.

#### Available model(s)

- 03-301 Rad-Con Surface Cleaner
- 03-302 Rad-Con Hand Cleaner

*Quantity discounts available*



# Radi-Clean™ Decontaminant

## Model 03-333

Radi-Clean is a mild but powerful substance that will safely remove radioactive contamination and unwanted substances (tars, waxes, resins, dried blood, greases, etc.) Radi-Clean is a mildly alkaline aqueous solution whose cleansing efficiency is based on special detergent properties. Available in concentrate or ready-to-use spray.

#### Available model(s)

- 03-333 Radi-Clean Decontaminant Concentrate, 1 qt. Weight: 2 lb (0.9 kg)
- 03-335 Radi-Clean Decontaminant Concentrate, 1 gal. Weight: 8 lb (3.6 kg)
- 03-334 Radi-Clean Ready-To-Use Spray Bottle, 16 oz. Weight: 2 lb (0.9 kg)



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# Absorbent Paper

## Model 13-107



Used for protecting work surfaces against liquid spills. Consists of multiply embossed paper laminated to a thin sheet of polyethylene. Excess liquid not absorbed by the top layer of paper is prevented from reaching the work surface by the poly backing.

### Available model(s)

**13-107** Absorbent Paper, roll, 700 ft (l) x 10 in (w). Weight: 35 lb (15.9 kg)

**13-101** Absorbent Paper, roll, 100 ft (l) x 20 in (w). Weight: 5 lb (2.2 kg)

**13-845** Absorbent Paper, sheet, 32 (l) x 15 in (w), 50 per box. Weight: 8 lb (3.6 kg)

**13-448** Absorbent Paper, sheet, 17 (l) x 13 in (w), 50 per box. Weight: 3 lb (1.3 kg).  
(Fits Protective Tray, Model 19-448)



# Protective Tray

## Model 19-448

This easy-to-clean fiberglass tray protects work surfaces against spills. Absorbent Paper (Model 13-448) is compatible with this tray and provides added protection.

**Dimensions** 14 x 18 x 0.875 in (d) (36 x 46 x 2.22 cm)

**Weight** 1.5 lb (0.69 kg)

### Available model(s)

**19-448** Protective Tray



# Shoe Covers

## Model 02-525

- Durable PVC plastic
- Snap-fasteners provide adjustable fit
- One-size fits all

Ideal for protecting shoes from contamination, moisture, and dirt, and for protecting floors from dirty or contaminated shoes. All covers are composed of rugged (0.040-gauge) embossed soles and smooth 0.008-gauge tops.

**Weight per pair** 0.25 lb (0.11 kg)

### Available model(s)

**02-525** Shoe Covers, pair

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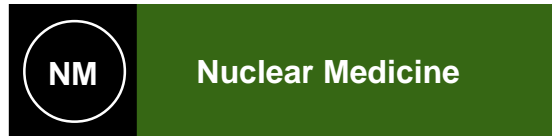
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# Disposable Copolymer Gloves

## Model 02-215



- Fits either hand
- One-size fits all

Our Disposable Copolymer Gloves are lightweight, watertight, and chemical resistant. They effectively protect against contamination while allowing the user to feel the texture of objects handled.

**Weight per box** 0.35 lb (0.16 kg)

**Available model(s)**

02-215 Disposable Copolymer Gloves, box of 100



# Reusable Latex Gloves

## Model 02-233

- Resistant to most chemicals
- Easy-to-clean

Our Reusable Latex Gloves are made from premium-grade liquid latex, processed for maximum strength, pliability and comfort. Outer palm and finger surfaces are textured for a firm, non-slip grip. Available in large only (fits size 9.5 to 11).

**Weight per pair** 0.35 lb (0.16 kg)

**Available model(s)**

02-233 Reusable Latex Gloves, pair



# Decon Hand Soap

## Model 03-323-1000

Removes radioactive contamination and protects against its transfer and spread. Nonabrasive cleaning action with no skin irritants. Mild enough for any part of the body, except the eyes. It mixes easily with water and is usable with any liquid soap dispenser.

**Available model(s)**

03-323-1000 Decon Hand Soap, 1 gal.  
Weight: 9 lb (4 kg)

03-323-5500 Decon Hand Soap, 55 gal  
drum. Weight: 500 lb (227 kg)

*Quantity discounts available*



# Half-Mask Respirator

## Model 02-747

- Comfort-designed with a four-piece adjustable elastic headband for gas-tight seal
- Approved NIOSH (OSHA) type
- Very low breathing resistance



For protecting against the inhalation of radioactive and other toxic dusts, mists and fumes having a time-weighted average of less than 0.05 milligrams per cubic meter.

**Weight** 0.55 lb (0.24 kg)

**Optional accessories**

Replacement Filters, box of six (Model 02-798)

**Available model(s)**

02-747 Half-Mask Respirator

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# MiniVials® Liquid Scintillation Counting Vials

## Model 40-218

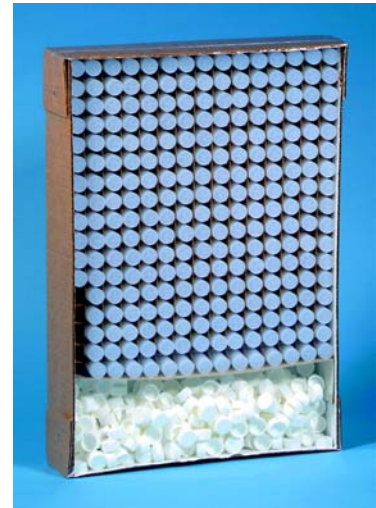
- Use only one-third to one-half of the scintillator
- Unbreakable and leak-free
- Less background than glass vials
- Cost-effective bulk packaging available

### Available in tray-pack or economy bulk-pack:

- **Tray-pack** There are four trays with 250 vials and screw-on caps per tray, packed separately and plastic-sealed to prevent contamination. Weight is 14 lb (6.4 kg).
- **Bulk-pack** 1000 vials and screw-on caps per case, packed separately and plastic-sealed. Weight is 13 lb (5.9 kg).

### Available model(s)

- 40-218 MiniVials Tray-Pack, 1,000 per pack
  - 40-217 MiniVials Bulk-Pack, 1,000 per pack
  - 40-813 MiniVials Holders, tray of 100
- Quantity discounts available*



MiniVials\* for liquid scintillation counting are miniaturized plastic vials, about one-third the size of the conventional 20-ml type. They're made of high-density, non-bulging, unbreakable polyethylene, and have tight-fitting screw-on caps. Compared to glass vials, their background is less and their efficiency is higher.

MiniVials easily fit your counter. Just slip them into our reusable, low-background

glass MiniVial Holders. The combination has the same size and shape as regular 20 ml vials and fit virtually all standard counters. MiniVials have a 7 ml capacity, but are most efficient with a 5 ml solution. With MiniVials, you insert the same amount of radioactive materials as in a 20 ml vial, but you need only one-third to one-half of the scintillator.

\* US Patent No. 3,888,745.

# Polyethylene PrimaVials™

## Model 40-226

- Convenient 20 ml size
- Thick walls won't bulge or swell
- Unbreakable
- Less background than glass vials
- Less expensive than glass
- Cost-effective bulk packaging available

### Available in economy bulk-pack:

- **Bulk-pack** 500 vials and screw-on caps per case. Weight is 15 lb (6.8 kg).

### Available model(s)

- 40-226 Polyethylene PrimaVials Bulk-Pack, 500 per pack
- Quantity discounts available*

Our 20 ml PrimaVials\* offer many advantages over low-background glass vials for liquid scintillation counting. Their background is lower and their efficiency is higher than glass vials, and they don't break.

PrimaVials can be used with toluene-based scintillators. Made of rigid linear polyethylene, 0.100 inch thick, they do not bulge or lose toluene through their walls, even after standing for weeks. Tight-fitting screw-on caps prevent leakage.



\* US Patent No. 3,888,745.

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