Order online

Radioisotope Shielded Work Station Components

Models 67-752 to 67-761

NM Nuclear Medicine

- Provides optimum work conditions when using high energy nuclides
- Offers maximum protection and versatility
- Sold as separate components

Magnifying Viewing Lamp (Model 67-753)

This sturdy work station is the ideal vehicle for the safe storage of radioisotopes. It provides optimum protection to personnel from radiation exposure when storing isotopes and has sufficient work and storage area to allow easy maneuverability when using its contents. Heavy-duty 5 inch casters lend mobility to the work station and permit transportation of radioisotopes to the point of use under hazard-free conditions.

As a guide to determine maximum isotope content for a desired surface radiation level, the following Tenth-Value Layers (in lead) are provided:*

- ^{226}Ra, 5.5 cm
- ^{137}Cs, 2.2 cm
- ^{60}Co, 4.1 cm
- ^{192}Ir, 2.0 cm
- ^{198}Au, 1.1 cm

Specifications

L-Block Lead Shield

2 in (5 cm) thick, protects head and torso from radiation

Tilted lead glass window 8 (w) x 4 (d) x 3 in (t) (20 x 10 x 5 cm) has a density of 6.2 gm/cm^3 and allows a safe, unobstructed view of the work area

Overall shield dimensions 14 (w) x 16.50 (d) x 22 in (h) (36 x 42 x 56 cm)

Weight 410 lb (186 kg)

Optional Stainless Steel Tray for L-Block Lead Shield

13 (w) x 15 (d) x 0.75 in (h) (33 x 38 x 2 cm)

Steel Table

Provides a solid support surface for components of work station. Smooth bevel-edged worktop offers adequate area for tool and instrument placement. Table support frame is solid steel with welded corner joints for maximum strength. Has 4 x 4 inch (10 x 10 cm) floor supports and heavy-duty casters

Swivel casters Heavy-duty 5 in (13 cm) casters ensure easy mobility

Overall Dimensions 28 (w) x 36 (d) x 33.25 (h) (71 x 91 x 86 cm)

Weight 120 lb (54 kg)

Magnifying-Viewing Lamp

Aluminum construction with a weighted base and circular, shadow-free fluorescent illumination. 2X magnification. Swing-arm permits maximum maneuverability. 120 V, AC

Work station components

67-752 L-Block Lead Shield
67-752-5000 Steel Table
67-753 Magnifying-Viewing Lamp
67-761 Stainless Steel Tray (optional for 67-752 only)

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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* *National Council on Radiation Protection and Measurements Report No. 40, "Protection Against Radiation from Brachytherapy Sources."*

Nuclear Medicine NM

PET L-Block
Model 67-652

Order online

Specially designed for PET facilities or nuclear medicine departments that are working with high-energy positron-emitting isotopes. Sturdy steel PET table makes rolling and maneuvering exceptionally easy. The ideal addition to labs performing these specialized exams.

Specifications

Dimensions 16.25 (w) x 16 (d) x 24.25 in (h) (41.3 x 40.6 x 61.6 cm)

Lead glass Approximately 2.75 inch thick

Table dimensions 27.25 (w) x 36 (d) x 33.75 in (h) (69.2 x 91.4 x 85.725 cm)

Weight 425 lb (193 kg)

Optional accessories

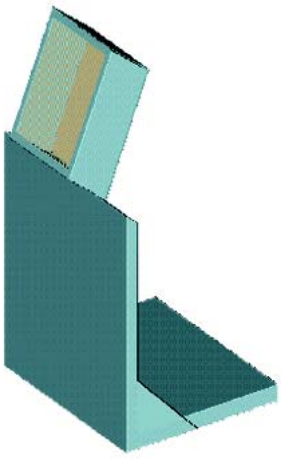
PET Stainless Steel Table (Model 67-650)

Available model(s)

67-652 PET L-Block

High Energy L-Block Shield
Model 68-102

Order online



This system is designed for PET facilities or nuclear medicine departments that are working with large activity sources or high-energy isotopes.

The modular design makes it easy to assemble at the facility. The High Energy L-Block is shipped in sections and is easily assembled on site using only an Allen wrench. The viewing window is optically pure lead glass: 8 x 8 x 4 inch, offering a large viewing area and is made of 5.2 g/cm^3 density glass. An 8 x 8 x 2 inch viewing area is also available.

Specifications

Dimensions 16 (w) x 16 (d) x 16 (h) (40.6 x 40.6 x 40.6 cm)

Overall shield height 23.5 inch (60 cm)

Shielding 2 inch lead in the front and base

Lead glass Optically pure lead glass, 5.2 g/cm^3 density

Option 8 x 8 x 4 or 8 x 8 x 2 inch glass (20.3 x 20.3 x 10.2 or 20.3 x 20.3 x 5.1 cm)

Color White or light gray with easy cleaning surface

Modular design Assembled on site, with heaviest part weighing 50 lb (23 kg)

Weight 430 lb (195 kg)

Available model(s)

68-102 High Energy L-Block Shield, 8 x 8 x 4 inch

68-103 High Energy L-Block Shield, 8 x 8 x 2 inch

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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CardinalHealth

High Energy Mini L-Block Shield

Model 68-101 Order online

NM Nuclear Medicine

This system is designed for nuclear medicine departments that are working with high activity or high-energy isotopes. It is small enough to fit any department's workspace.

The modular design makes it easy to assemble at the facility. The High Energy "Mini" L-Block is shipped in 3 sections and can be ordered with 2 different thickness of lead glass: 8 x 8 x 4 or 8 x 8 x 2 inch. Both offer a large viewing area and are made of 5.2 g/cm^3 density glass.

Specifications

Dimensions 14 (w) x 14 (d) x 12.5 in (h) (35.56 x 35.56 x 31.75 cm)

Overall shield height 21.5 in (54.61 cm)

Shielding 1 inch lead in the front and base

Lead glass Optically pure lead glass, 5.2 g/cm^3 density

Option 8 x 8 x 4 or 8 x 8 x 2 inch glass (20.3 x 20.3 x 10.2 or 20.3 x 20.3 x 5.1 cm)

Color White or light gray with easy cleaning surface

Weight 220 lb (100 kg)

Available model(s)

68-101 High energy Mini L-Block Shield, 8 x 8 x 4 inch

68-100 High energy Mini L-Block Shield, 8 x 8 x 2 inch

Adjustable High Energy L-Block Shield

Model 68-104 Order online

This system is designed for users of different heights in PET facilities. The lead glass window adjusts from 30° to 50° for safe viewing and handling of high activity or high-energy isotopes.

The modular design makes it easy to adjust the angle of the lead glass window for users of all heights. The Adjustable PET L-Block is shipped in sections and is easily assembled on site. The viewing window is optically pure lead glass: 8 x 8 x 4 inch, offering a large viewing area and is made of 5.2 g/cm^3 density glass.

Specifications

Dimensions 16 (w) x 16 (d) x 16 (h) (40.6 x 40.6 x 40.6 cm)

Overall shield height 24 in (61 cm)

Shielding 2 inch lead in the front and base

Lead glass Mounted to allow change in angle from 30° to 50°, optically pure lead glass, 5.2 g/cm^3 density

Option 8 x 8 x 4 or 8 x 8 x 2 inch glass (20.3 x 20.3 x 10.2 or 20.3 x 20.3 x 5.1 cm)

Color White Epoxy Paint with easy cleaning surface

Modular design Assembled on site, with heaviest part weighing 50 lb

Weight 430 lb (195 kg)

Available model(s)

68-104 Adjustable High Energy L-Block shield, 8 x 8 x 4 inch

68-105 Adjustable High Energy L-Block shield, 8 x 8 x 2 inch

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.

Specifications are subject to change without notice.

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Nuclear Medicine NM

FDG Transport Trolley

Model 56-431 Order online

The LemerPax Transport Trolley provides additional lead protection. The transport trolley is equipped to handle radiopharmaceuticals already protected by their lead/ tungsten shield or syringes with their tungsten syringe shield already on. With the sliding cover in place, the protection provided divides by nearly a factor of 200 the residual equivalent dose.

The upper plate as well as the sliding cover are made of a very resistant and hygienic material (CORIAN®). The inside wall of the storage container is made of stainless steel and can be easily removed for decontamination.

Specifications

Shielding 1 inch lead
Outside dimensions 19.5 (w) x 26.75 (d) x 38.1 in (h) (49.5 x 68 x 96.8 cm)
Inside dimensions 5.3 Ø x 5.9 in
Height of work plate 35.4 in (90 cm)
Weight 210 lb (95.3 kg)
Available model(s)
56-431 FDG Transport Trolley

CORIAN makes sense for medical use:

- Solid and nonporous
- Warm and pleasant to the touch
- The solid nature of CORIAN keeps its great looks over time
- The Dupont Quality Network guarantee is a pledge of quality assurance and service after sale

Tungsten FDG Transport Container

Model 56-430 Order online

The Tungsten FDG Transport Container allows for safe handling of the FDG vials during the different operations of transport and storage. These containers, through design, are leak proof. This protection from radiation is accomplished through the exclusive use of tungsten. Different plastic liners are available to accommodate different vial types.

This transport container is designed for a maximum activity of 20 mCi of PET isotopes.

The container has two methods of opening:

- Complete opening to allow for the loading of 30 ml vial
- Extremity opening that allows for the needle to pass through for shielded dose drawing

Specifications

Shielding 0.75 inch lead equivalence
Inside dimensions 1.3 in Ø x 2.4 in
Diameter of adapter 1 in (2.5 cm)
Weight 13.2 lb (6 kg)
Available model(s)
56-430 Tungsten FDG Transport Container

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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CardinalHealth

PET Waste Cart

Model 85-501 Order online

NM Nuclear Medicine

The perfect accessory for departments using PET radionuclides. This cart incorporates the convenience of a fully shielded well that is on a movable cart. The well is located within a lockable storage compartment that serves to further isolate the waste.

Specifications

Available model(s)

85-501 PET Waste Cart

PET Plastic Pig for Single Dose

Model 53-713 Order online

This Single Dose Pig for PET is an affordable, solid alternative to our Heavy Duty PET Pigs. Our patent-pending V-Lock™ design mates the lid and body, reducing the risk of scatter radiation.

Specifications

Lead shielding 0.45 in (1.14 cm)

Dimensions 2.36 in Ø x 10.1 in, with twist secure top (6 x 25.65 cm)

Weight 8.4 lb (3.8 kg)

Available model(s)

53-713 PET Plastic Pig for Single Dose

PET Pig for 30 ml Vial

Model 53-704 Order online

This 30 ml Vial Pig for PET is designed to safely transport vials between and within pharmacies and hospitals. The PET Pig is equipped with a secure screw in the top and 1 inch of lead shielding to accommodate the concentrated energy. Note: Additional shielding may be desired when used with high activities.

Specifications

Lead shielding 1 in (2.5 cm)

Dimensions 4 in Ø x 6 in (h) (10.16 x 15.24 cm)

Weight 8.4 lb (3.8 kg)

Available model(s)

53-704 PET Pig for 30 ml Vial

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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