

## PET Transport Case

Safe... Versatile... Secure

Approved for DOT Ground and IATA Air Transport

Easy-to-use and handle

The Capintec PET Transport System has been designed with you in mind. It is safe, secure, and easy to use. You can ship up to three single syringes (3cc or 5cc) in our three (3) part Tungsten Syringe Shield. The PET Transport System is approved for DOT Ground and IATA Air Transport.



### Features

- Approved for DOT Ground and IATA Air Transport
- Rugged steel ammo box design
- High density polyethylene foam insert for secure transport of pigs
- For use with 1, 2 or 3 syringe shields

### Specifications

- Weight: 27 lb. (12 kg) (without tungsten syringe shields)
- Dimensions: 12" x 15" x 15" (30 x 38 x 38 cm)

**PET transport case** ..... 5530-0069

## Tungsten Syringe Shield (3 piece)

### Features

- Three (3) part shield design for versatility; can be used as both a transport shield and injection shield
- Sturdy and comfortable nylon web strap/handle for easy removal from DOT Transporter, and carrying



### Specifications

- Dimensions: 2.5" x 9" (6 x 23 cm) with wall thickness of 1" (2.5 cm)
- Weight of each tungsten syringe shield: 27 lb. (2.5 cm)
- Total weight of three (3) tungsten syringe shields and transporter: 108 lb.

**Tungsten syringe shield** ..... 5530-2040

## Universal 511 T-Vial Shield

The 511 "T" Vial Shield is made entirely of Tungsten to provide the best protection for the user. The shield offers 1" lead equivalent on all sides. "T" lifting handle is removable. Holds 10, 20 and 30cc Vials.



### Specifications

- Dimensions: 4.7" H x 3.1" Dia. (12 x 8 cm)
- Weight: 16 lb. (7 kg)

**Universal T-Vial** .....5530-2014

## Rotund Container

Greatest mobility in a small shield

As some activities call for greater shielding than is usually found in the department, the Rotund Lead Container is designed with 1" (24.5 mm) shielding. The canister is fitted with an easy carry handle that fastens the top down securely using thumb screws attached to the steel band around the container. This shield will hold vials up to a 30 cc and can be used for quick transport of 511 keV products when portability is required.



A smaller shield is available that offers 1" lead walls, when lighter shielding is required and still with the same inside diameter for 30 cc vials. Both of these units may be used as a primary shield for high energy products but should be placed behind additional shielding when storing activity.

### Features

- Has 24.5 mm lead shielding 44.5 lead equivalent on all sides
- Bail handle fastens down to secure the top
- Holds up to a 30cc vial

### Specifications

- 9 1/2" H x 4 1/2" Dia. (16 x 11 cm)
- 22 lb. (10 kg)

**Rotund Container** ..... 0670-0010

## 511 C-Tec™ Syringe Shield

This special Syringe Shield is manufactured to provide shielding for 511 keV nuclides. The 511 Syringe Shield is made of Tungsten with a 0.5" (12.7 mm) lead equivalency. It has a viewing area of 0.75" (19 mm) thick lead glass surrounded by a rubber grommet to prevent damage to the glass. Fluorescent gold gloss covers the interior of the syringe shield for exceptional visibility of the syringe contents.

An optional "Double Clip" security holder is also available.



511 C-Tec Syringe Shield 5cc.....	0665-2020
511 C-Tec Syringe Shield 10cc.....	0665-2015
511 C-Tec Syringe Shield 20cc.....	0665-2021

## Syringe Security Holder

Syringe Security Holder ..... 5530-2007



## PET Sharps Container Shield

The Capintec PET sharps container shield is constructed to stand alone or to be recessed within a countertop. The shield is constructed of steel with 1" lead lining and allows for simple and convenient disposal of 511keV radionuclides.



### Features

- Hinged cover for syringe disposal
- Sliding top with lock for container removal

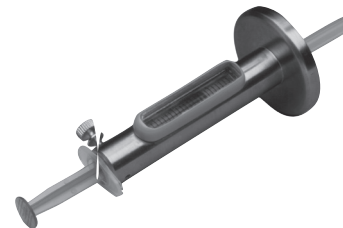
### Specifications

- 13 9/16" H x 10 5/8" O Dia. x 6 1/8 I Dia. (34.4 x 27 x 15.6cm); Weight 160 lb. (72.6 kg)
- 1" (2.5 cm) Lead lining
- Use with Monoject Sharps Container

PET Sharps Container.....	5730-2271
---------------------------	-----------

## 511 Dose-Drawing Syringe Shield

The 511 Dose Drawing Syringe Shields are constructed with the same featured shielding as the 511 C-Tec Syringe Shields. The needle end of the syringe shield has a Tungsten disc that protects the user's hands during the dose drawing procedure.



There are 2 pins in the end disc that secure the shield to the Drawing Station. This allows single handed dose removal from the drawing station

SIZES AVAILABLE: 5 cc, 10 cc and 20 cc Drawing Shield Dia.

511 Dose Drawing Syringe Shield 5cc .....	0665-2017
511 Dose Drawing Syringe Shield 10cc .....	0665-2011
511 Dose Drawing Syringe Shield 20cc .....	0665-2018

## High Radiation Transport Cart

Safe Transport of Heavy Lead Containers

The High Radiation Transport Cart is a safe way to transport heavy lead containers within your facility without risk of the cart turning over or struggling with a container too heavy to carry safely. The cart has a single box measuring 12 5/8" x 9 3/8" square and 3 3/8" (12.6 x 24 x 8.6 cm) high to hold lead canisters up to 6.75" (17 cm) in diameter safely, close to the floor. To handle weighty loads the unit has heavy duty roller bearing rear wheels and a locking front caster. The self-standing handle is held by friction in any position.



Weighing only 25 pounds (11 kg) and with a small footprint, the unit is easily lifted in and out of a vehicle and stored in a small space.

### Features

- Long, self-standing handle
- Low center of gravity for stability
- Removable insert included to subdivide box into two smaller sections
- Locking front wheels

Transport Cart.....	0652-0029
---------------------	-----------

## PET Mobile Shield

The Capintec PET Mobile Shield provides excellent protection from the high-energy 511keV photons of PET isotopes. The shield is a cost-effective and versatile way of ensuring adequate radiation protection in a PET facility.

The mobile shield can be easily rolled into position for injecting, dispensing or handling PET isotopes. Once it is no longer needed it can be conveniently stored out of the way. The mobility of the shield will save on the cost of constructing high-energy work areas in the nuclear medicine department.

The PET Mobile Shield is the perfect complement to Capintec's extensive line of 511keV measurement and shielding products.



### Features

- 2 3/8" (60 mm) thick lead bricks encased in steel
- 4" (10 cm) thick lead glass view port
- 99% attenuation of 511 keV photons
- Height adjustment range of 5 1/2" (14 cm)
- Two 360° locking swivel casters

### Specifications

- Viewing Port:
  - 8" x 8" x 4" (51 x 51 x 25 cm) thick leaded glass
  - 5.2 g/cm density
- Body Shield:
  - 2 3/8" (6 cm) thick interlocking chevron lead bricks
  - Attenuates >99% at 511 keV
  - Completely encased in a painted steel cover
  - 24 1/2" H x 16 1/2" W (62 x 42 cm)
- Base Support:
  - 8" Hydraulic height adjustment
  - Footprint: 24" x 28" (61 x 71 cm)
  - Two 360° degree locking swivel casters
- Overall Dimensions:
  - Maximum Height including window: 63" (160 cm)
  - Total weight: 500 lb. (227 kg)

**PET Mobile Shield** ..... 5530-3042

## Positron Shield

Constructed of nine sets of 2 3/8" (60 mm) thick lead split rings for full shielding of a dose calibrator chamber. The positron shield gives maximum radiation protection when working with 511 KeV nuclides. The shield can either be flush mounted to a work surface or mounted on a table or cabinet.



### Features

- Rings are 2 3/8" (6 cm) thick lead.
- Lead contains 3% antimony for strength.
- Manufactured to fit all remote chamber Capintec dose calibrators except the CRC-15 BT.

### Specifications

- 19" H with an outside diameter of 11 3/8" (48 x 29 cm)
- Weight: 518 lb. (236 kg)

**Positron Shield** ..... 7300-2903

## Positron Shield Stand

Solidly built to support a Capintec dose calibrator encased in the Positron Shield

### Features

- 3-Legged stand made of arc-welded steel.
- Standard Range of height with adjustable feet is 22 7/8" to 25 3/8" (58-64.5 cm)
- Capintec will customize the length to meet your exact specifications.

**Positron Shield Stand** ..... 5126-2001

## 511 Transport Container

The shield is designed to fit into the Transport Cart shown above. It is designed to hold vials of 511 emitters.

### Features

- Fits into box on Transport Cart
- Designed with over 1.5 inches (3.8 cm) of safety shielding
- Lift rings for easy removal of lid
- Holds up to 30 cc vial
- Ball handle fastens to secure top
- 6.5" H x 5" Dia. (16.5 x 13 cm)



**PET Rotund Container** ..... 5730-2041