

# 511 Spring Armed Dose Drawing Station

Designed for maximum radiation protection and greater flexibility when drawing doses.



## Features

- Designed for maximum radiation protection and greater flexibility when drawing doses.
- Spring arm is constructed to provide ease of positioning and effortless lifting of the 35 lb. tungsten vial.
- Easily removable inner tungsten vial shield with 1" lead equivalence shielding. Outer shield is 1" thick epoxy coated lead. In conjunction with the inner tungsten shield the user gets a combined 2" of lead shielding.
- Flanged tungsten shield is manufactured to twist and lock into the tungsten vial shield. One flanged tungsten syringe shield is included in the purchase of the dose drawing station. (When purchasing, specify which shield size you would require, 5cc., 10cc or 20cc).
- Lead glass is protected by 1/4" plate glass laminated to the front and back viewing surface to protect lead glass from scratching and chipping.

## Description

Capintec knows how important radiation safety is to your department, and 511 keV nuclides make achieving this goal even more challenging.

The Capintec Spring Armed Dose Drawing Station was designed to help you meet the ALARA requirements of your department. With its proprietary spring arm design and exceptional shielding, the Spring Armed Dose Drawing Station is a fast and safety conscious way of handling your PET nuclides.

# Capintec | 511 Spring Armed Dose Drawing Station

## THE FOUR KEY FEATURES

### The Spring Arm

The Spring Armed Dose Drawing Station's proprietary spring arm design allows for quick and near effortless positioning of the 35 lb (16 kg) vial shield. With minimal exertion and minimal time the vial shield can be raised, lowered and/or inverted.

### The 511 Vial Shield

There are two components to the vial shield. First is the inner T-vial shield, which is made of tungsten and provides a 1 in. (25.4 mm) lead equivalence. Second is the outer shield, which has 1 in. (25.4 mm) thick walls of epoxy-coated lead.

### The Dose Drawing Syringe Shield

Included with the Spring Armed Dose Drawing Station is a Dose Drawing Syringe Shield in 5, 10 or 20 cc sizes. The syringe shield has a tungsten flange that provides maximum protection and locks onto the 511 vial shield with a twist of the wrist.

### The 511 "L" Block Body Shield

Inside of the steel covering of the body shield lie interlocking 2 3/8 in. (6 cm) lead bricks. Mounted at a 20 degree angle on top of the steel cover is an 8 x 8 x 4 in. (51 x 51 x 25 cm) High Density lead glass view port. The lead glass window has a density of 5.2 g/cm<sup>3</sup> with a thickness of 4 in.

## Ordering Information

5510-3003	Drawing Station with body shield
0550-0003	511 Stainless Steel "L" Block
0665-2017	511 Dose Drawing Syringe Shield 5 cc
0665-2011	511 Dose Drawing Syringe Shield 10 cc
0665-2018	511 Dose Drawing Syringe Shield 20 cc



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SPC-457\_EN-CAP – 10/2023