

Radiopharmaceutical Containment Enclosure

Hot Plate Preparation Enclosure



The Radiopharmaceutical Containment Enclosure is an essential tool for nuclear pharmacists working in ISO 7 and ISO 8 cleanrooms. It provides crucial protection for operators, products, and the environment during the preparation and testing of radiopharmaceuticals used in hospitals. The enclosure isolates the compounding heating process from the ISO 7 cleanroom in case of accidental exposure of radioactive isotopes. The box has an integrated activated charcoal filter system to mitigate pressure differentials from potential breakage of sealed vials containing medical radionuclides that are being heated when prepared in the final dosage form within the box using a hot plate. The box also has a sealed power port for plugging in hot plates used in the radiopharmaceutical compounding process. This allows the ISO 7 cleanroom to continue functioning, avoiding any work stoppages and continued patient care.

- Equipped with charcoal filters to capture radioactive isotopes
- Completely sealed to contain accidental spills
- Sealed electrical power port which allows for the connection of heating plates without compromising the integrity of the box
- Box is equipped with two replaceable 8x16 mesh 5% TEDA impregnated carbon trapping cartridges. These filters are located on the back wall in the upper right and left corners. Each filter is housed in a sealed compartment with a hinged door accessible from the outside for easy replacement

Specifications:

Overall Dimensions: 23.6" D x 15.75" W x 17" H

Box is sized to fit standard laboratory equipment such as:

Standard size heating plate

Mini L-Shield

Hot plate and L Blocks are NOT included

Safety and Compliance:

Adheres to current good radiopharmacy practice and cGMP for small-scale preparation of radiopharmaceuticals

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