



Lead-Lined Cabinet Solutions

for Nuclear Medicine and Radiopharmacy Environments

ISO 13485:2016
CERTIFIED



CAPINTEC
A MIRION MEDICAL COMPANY

Shielded Cabinet Solutions for Hot Lab Environments

Handling radioactive materials requires more than storage. Facilities must manage shielding, exposure control, material segregation, and secure access across preparation, storage, decay, and waste workflows. As isotope activity levels increase and space constraints tighten, maintaining safe, compliant environments becomes increasingly complex.

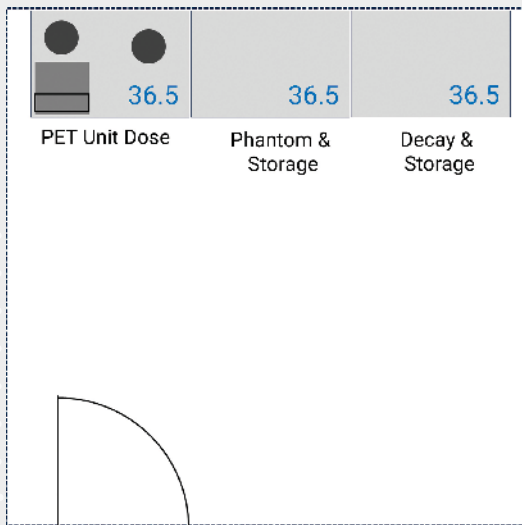
Capintec lead-lined cabinets are designed to address these challenges by providing engineered shielding solutions that support safe handling and storage of radioactive materials across nuclear medicine and radiopharmacy operations. The portfolio includes preparation, storage, decay, waste, PET dose handling, generator, sink, and phantom cabinets that can be deployed individually or combined to support complete hot lab configurations.

All cabinets are available in multiple lead thicknesses and are built to a consistent footprint and working height, helping facilities maintain shielding continuity while adapting layouts to operational needs.

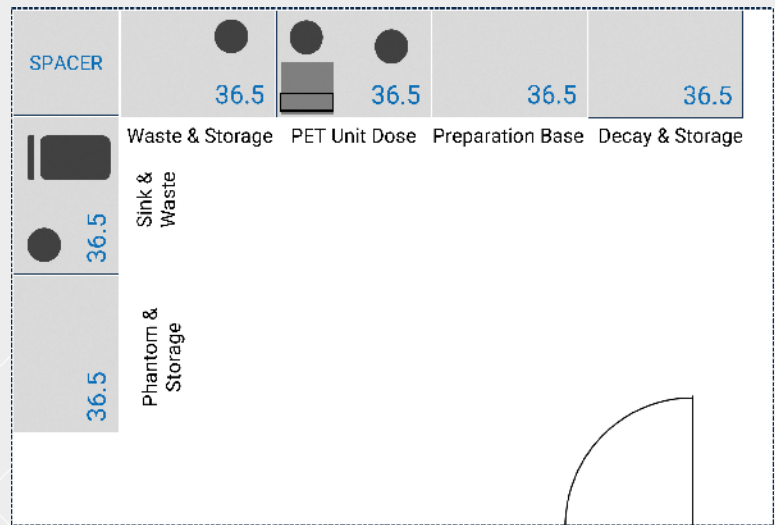


▶ Example Hot Lab Configurations

10' x 10' Hot Lab (3.05 m x 3.05 m)



10' x 15' Hot Lab (3.05 m x 4.57 m)



► Preparation and Dose Handling



Lead-Lined Preparation Enclosure and Base Cabinet

Designed to support dose preparation activities, the preparation enclosure and base cabinet provides a shielded workspace with integrated storage beneath. Available in multiple lead thicknesses, the system supports routine preparation tasks while maintaining radiation protection.



Lead-Lined PET Unit Dose Cabinet

The PET Unit Dose Cabinet provides a compact, fully shielded workstation for PET hot labs. It supports PET dose preparation equipment, organized storage for shipping containers and accessories, and accommodates Capintec dose calibrators. The cabinet is designed to function as a stand-alone workstation or as part of a grouped cabinet layout.



► Decay and Waste Management



Lead-Lined Decay and Storage Cabinet

The Decay and Storage Cabinet combines removable isotope storage drawers with adjustable shelving for controlled decay. Designed for routine use, the cabinet supports safe handling and organized storage of radioactive materials within a fully shielded enclosure.



Lead-Lined Waste and Storage Cabinet

This cabinet integrates shielded storage drawers with a waste disposal compartment. A shielded chute directs waste into a polyethylene container, supporting safe disposal and storage until decay.



Lead-Lined Sink and Waste Cabinet

The Sink and Waste Cabinet combines a functional sink workspace with shielded waste disposal. A lead barrier separates the sink area from the waste compartment, allowing safe handling of radioactive waste while supporting routine cleaning and rinsing activities.

► Generator and Phantom Storage



Lead-Lined Generator and Storage Cabinet

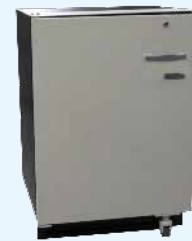
Designed for generator handling and decay, this cabinet includes a shielded generator drawer and dedicated compartments for storing decaying generators. Integrated shielding and controlled access support safe generator workflows within hot lab environments.



Lead-Lined Phantom and Storage Cabinet

The Phantom and Storage Cabinet combines isotope storage drawers with a dedicated compartment sized for flood sources and phantoms. The cabinet supports organized storage and consistent placement of phantoms used in routine nuclear medicine operations.

► Cold Storage



Lead-Lined Refrigerator

The Lead-Lined Refrigerator provides secure cold storage for radiopharmaceuticals, tagged biologicals, and radioactive materials. Designed for under-counter or stand-alone installation, the unit combines temperature control with integrated shielding in a compact footprint.

► Modular Design and Configuration

Capintec lead-lined cabinets share a common height and footprint, enabling facilities to combine multiple units into continuous work surfaces. Cabinets may be installed individually or grouped together, with customized options for unified countertops to support integrated hot lab layouts.

Multiple lead thickness options are available across the portfolio to support varying activity levels and shielding requirements.

► Build a Cabinet Configuration That Fits Your Facility

From single cabinets to fully integrated hot labs, Capintec lead-lined cabinet solutions adapt to your space and operational needs.

Contact your Capintec sales representative to learn more about available configurations and options.







The Science of Better.
Better solutions.
Better outcomes.

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