

# **LEAD-LINED LABORATORY FURNITURE**

- **LEAD-LINED RADIOISOTOPE STORAGE CABINETS**
- **LEAD-LINED UNIT DOSE CABINETS**
- **LEAD-LINED DECAY AND STORAGE CABINETS**
- **LEAD-LINED WASTE AND STORAGE CABINETS**
- **LEAD-LINED WASTE CABINETS**
- **LEAD-LINED DECAY CABINETS**
- **LEAD-LINED PET UNIT DOSE CABINETS**
- **LEAD-LINED PHANTOM CABINETS**
- **LEAD-LINED SINGLE OR DUAL CUPBOARD BASE CABINETS**

MarShield manufactures a wide range of Custom Designed Laboratory Lead-Lined Furniture. A comprehensive line designed to your exact requirements. MarShield has worked seamlessly with architects, engineers, contractors and end users; like Doctors, hospitals, and laboratories, medical, and veterinary clinics ensuring that a final design is functional and harmonious with its surroundings and radiation code requirements. Designing & manufacturing from a standard design to a custom one-off design. We employ a fully qualified design team with the attention to detail along every step of the process. From the moment your order is entered until it arrives at your doorstep.

Since 1979 MarShield has been manufacturing and supplying radiation-shielding products while creating a world-class reputation for unmatched service. We are leaders in creating innovative, shielding solutions that are driven by years of experienced through dedicated staff.

Each Cabinet is manufacturer from A36 or 44W carbon steel. Lead filled or lined only with 99.94% pure Lead – ASTM B-29. All Lead is fully encapsulated with no exposure. All hardware from heavy-duty hinges, drawer glides or rollers are of the highest quality. Each cabinet is ground smooth from sharp corners or edges. Extreme care is taken in the surface preparation to all surfaces for the supply and application of a powder coat finish to the desired colour.

All cabinets are available with your choice in lead shielding from ¼” to 2” thick lead. With lockable doors and drawers. Work surface tops in a 304 stainless steel with a formed backsplash and front drip edge or a flat carbon steel painted surface. Adjustable legs for compensating uneven surfaces are a standard in our design. Removable lifting eyes for the positioning of your cabinet during installation are optional when requested. Choose from a variety of colours that are available or accept our standard ivory finish. Cabinets can be combined with other units to allow a modular design or cabinets can be a stand-alone. Our cabinets combine effective radiation protection and durability in a rugged, attractive and versatile line.

## **Considerations in ordering your cabinet should be as follows:**

- Colour or finish
- Type or design
- Hardware, locks, hinges, and handles etc.
- Adjustable legs or flat bottom
- Thickness of lead shielding
- Overall dimensions which will dictate internal dimensions
- Drawers, cupboards, sliders or shelves
- The positioning or handling of your cabinet into your workspace and through doorways.
- Type of work surface, carbon or Stainless Steel
- Floor Loading due to weight of cabinet
- Top surface cut outs for sharp ports
- Weight or size of product to be placed onto or into drawers, cupboards etc.
- Accessories for your cabinet; L-Block Shield, Sharp Container etc.
- Available room where cabinet will be positioned, how will it look and fit with other equipment or furniture.

### **LEAD-LINED RADIOISOTOPE STORAGE CABINETS # MS-RSC**

Our Radioisotope Storage Cabinets are available in 3, 6, 9, or 12 drawer configurations. Each Drawer is lockable to prevent unauthorized use. Drawers can have an optional divider placed into them separating the contents. The standard external cabinet size is; 24" deep x 30" wide x 36" high. The cabinet is complete with a 304 stainless steel top work surface with 4" high backsplash and front drip edge. Internal dimensions along with the drawer dimensions are based on the amount of shielding required. Lead Shielding is available in ¼" to 1" thick. Entire cabinet receives surface preparation followed by the application of a baked-on powder coating finish. (Ivory is our standard colour). Cabinet comes standard with adjustable legs for uneven floors or a flat bottom. Crated and shrink wrapped for maximum protection during transit.



### **LEAD-LINED UNIT DOSE CABINETS # MS-UDC**

Our Unit dose Cabinets is ideal where space is a factor and limited. With multiple storage compartments this cabinet design becomes functional to house a host of radioactive sources. The top cupboards can have an optional sharp container cut out with lid for spent syringes or simply the storage of spent waste. The bottom draws are perfect for storing source pigs on their sides, syringes or radioisotopes. The two drawers can be of equal size or two separate top drawers and one single bottom one. All drawers and cupboards are lockable and are lead shielded to your choice of ¼" to 1" thick Lead. Internal dimensions along with the drawer dimensions are based on the amount of shielding required. All six sides including drawer and cupboard faces are lead lined. Top work surface is a 304 stainless steel with 4" high backsplash and front drip edge. Drawers can have an optional divider placed into them separating the contents. The standard external cabinet size is; 24" deep x 30" wide x 36" high. Entire cabinet receives surface preparation followed by the application of a baked-on powder coating finish. (Ivory is our standard colour). Cabinet comes standard with adjustable legs for uneven floors or a flat bottom. Crated and shrink wrapped for maximum protection during transit.

### **LEAD-LINED DECAY AND STORAGE CABINETS # MS-D-SC**

Our Decay and Storage cabinets incorporate functionality and needs into its design. Featuring stackable drawers on one side with a large cupboard on the opposite side housing heavy duty shelves. All drawers and the cupboard are lockable and are lead shielded to your choice of ¼" to 1" thick Lead. Internal dimensions along with the drawer & cupboard dimensions are based on the amount of shielding required. All six sides including drawer and cupboard faces are lead lined. Top work surface is a 304 stainless steel with 4" high backsplash and front drip edge. Drawers can have an optional divider placed into them separating the contents. The standard external cabinet size is; 24" deep x 30" wide x 36" high. Entire cabinet receives surface preparation followed by the application of a baked-on powder coating finish. (Ivory is our standard colour). Cabinet comes standard with adjustable legs for uneven floors or a flat bottom. Crated and shrink wrapped for maximum protection during transit.

### **LEAD-LINED WASTE AND STORAGE CABINETS # MS-W-SC**

Our Waste and Storage cabinets feature stackable drawers on one side with a large cupboard on the opposite side for the storage of radioactive waste. The top of the cupboard can have an optional sharp container cut out with lid for spent syringes or simply the storage of spent waste. All drawers and the cupboard are lockable and are lead shielded to your choice of ¼" to 1" thick Lead. Internal dimensions along with the drawer & cupboard dimensions are based on the amount of shielding required. All six sides including drawer and cupboard faces are lead lined. Top work surface is a 304 stainless steel with 4" high backsplash and front drip edge. Drawers can have an optional divider placed into them separating the contents. The standard external cabinet size is; 24" deep x 30" wide x 36" high. Entire cabinet receives surface preparation followed by the application of a baked-on powder coating finish. (Ivory is our standard colour). Cabinet comes standard with adjustable legs for uneven floors or a flat bottom. Crated and shrink wrapped for maximum protection during transit.

### **LEAD-LINED WASTE CABINETS – # MS-WC**

Our Waste cabinets are designed for radioactive storage safely through the chute located in the top work surface complete with shielded lid. The opening allows the waste to be dropped directly into your polyethylene container prior to decay and disposal, where it will be stored until you are ready to safely move it. The cupboard door is lockable and is lead shielded to your choice of ¼" to 1" thick Lead. Internal dimensions of the cupboard are based on the amount of shielding required. All six sides including cupboard door face are lead lined. Top work surface is a 304 stainless steel with 4" high backsplash and front drip edge. The standard external cabinet size is; 24" deep x 30" wide x 36" high. Entire cabinet receives surface preparation followed by the application of a baked-on powder coating finish. (Ivory is our standard colour). Cabinet comes standard with adjustable legs for uneven floors or a flat bottom. Crated and shrink wrapped for maximum protection during transit.

### **LEAD-LINED DECAY CABINETS # MS-DC**

Our Decay cabinets are designed for storage of decay material. Heavy-duty adjustable shelves incorporated into the cabinet allow the waste to be placed directly onto them for long term until it can be safely disposed of. Each shelf is manufactured with high strength shelf guide supports that will hold a minimum of 100 lbs. per shelf. The cupboard door is lockable and is lead shielded to your choice of ¼" to 1" thick Lead. Internal dimensions of the cupboard are based on the amount of shielding required. All six sides including cupboard door face are lead lined. Top work surface is a 304 stainless steel with 4" high backsplash and front drip edge. The standard external cabinet size is; 24" deep x 30" wide x 36" high. Entire cabinet receives surface preparation followed by the application of a baked-on powder coating finish. (Ivory is our standard colour). Cabinet comes standard with adjustable legs for uneven floors or a flat bottom. Crated and shrink wrapped for maximum protection during transit.

### **LEAD-LINED PET UNIT DOSE CABINETS # MS-PUDC**

Our Pet Unit Dose cabinets are ideal for the small PET hot labs. This robust cabinet is intended for the placement of your L-Block, and built in dose calibrator shield to the top work surface. A cut out for your sharp container is included with a shielded lid. A dose calibrator can be placed on a raised stand that can be bolted to the work surface. The top work surface is a 304 stainless steel with a partial 4" high backsplash. The lower portion of the cabinet has two locking cupboard doors house four independent sliding shelves capable of supporting 100 lbs. each. Perfect for storage of your PET shipping containers. The cabinet is lead shielded to your choice of ¼" to 1" thick Lead. Internal dimensions of the cupboard are based on the amount of shielding required. All six sides including cupboard door face are lead lined.

The standard external cabinet size is; 24" deep x 30" wide x 36" high. Entire cabinet receives surface preparation followed by the application of a baked-on powder coating finish. (Ivory is our standard colour). Cabinet comes standard with adjustable legs for uneven floors or a flat bottom. Crated and shrink wrapped for maximum protection during transit.

### **LEAD-LINED PHANTOM CABINETS # MS-PC**

Our Phantom cabinets are primarily designed to store flood sources and phantoms on their ends. And is used with our diversified multi cabinet configuration. The standard external cabinet size is; 28" deep x 9" wide x 34" high. The cupboard door is lockable and is lead shielded to your choice of ¼" to 1" thick Lead. Internal dimensions of the cupboard are based on the amount of shielding required. All six sides including cupboard door face are lead lined Entire cabinet receives surface preparation followed by the application of a baked-on powder coating finish. (Ivory is our standard colour). Cabinet comes standard with adjustable legs for uneven floors or a flat bottom. Crated and shrink wrapped for maximum protection during transit.

### **LEAD-LINED SINGLE OR DUAL CUPBOARD BASE CABINETS # MS-S/D-CBC**

Our Single and Dual Cupboard Base cabinet is our most popular cabinet. It features either one single cupboard door or two side by side. The internal space can be one large storage space or shelves can be added. The top of the cupboard can have an optional sharp container cut out with lid for spent syringes or simply the storage of spent waste. The cupboard door is lockable and the cabinet is lead shielded to your choice of ¼" to 1" thick Lead. Internal dimensions are based on the amount of shielding required. All six sides including cupboard door face are lead lined. Top work surface is a 304 stainless steel with 4" high backsplash and front drip edge. The standard external cabinet size is; 24" deep x 30" wide x 36" high. Entire cabinet receives surface preparation followed by the application of a baked-on powder coating finish. (Ivory is our standard colour). Cabinet comes standard with adjustable legs for uneven floors or a flat bottom. Crated and shrink wrapped for maximum protection during transit.