Radiation Protection Products

Mermaid Medical Ltd.
Protective Apparel • Thyroid Shields

Mermaid Medical offers a complete range of products that are designed with both function and style in mind. UniRay designs protective apparel used in interventional radiology and cardiology, CT labs, X-ray assisted surgery and general radiology. Quality, weight, ergonomics and aesthetics form the core attributes of every UniRay product.

Skirt and Vest • ultimate protection for user

**MAXX™**
- Complete overlap on the front opening as well as the vest as well as the vest overlap of the skirt for added protection (covering the waist area) also provides added protection
- Optimised weight distribution to reduce load on back and shoulders
- Full overlap on skirt circumference for added lower body protection

**Optixx™**
- Significant overlap on the front opening of the vest as well as the vest overlap of the skirt (covering the waist area) also provides added protection
- Optimised weight distribution to reduce load on back and shoulders
- Full overlap on skirt circumference for added lower body protection

Double-sided Apron • All round protection solution

**Optixx™**
- Significant overlap in front for added protection
- Velcro closure for perfect fit
- Flexible belt to release load on back shoulder

**MAXX™**
- Full overlap in front for total protection
- Flexible belt to release load on back shoulder
- Smart side closure to prevent accidental exposure
Eye Protection • Storage Systems

Coat Apron • The gold standard for X-ray rooms

- Complete frontal protection
- Smart and flexible insert with velcro closure
- Built-in shoulder relief pads

Storage Systems

- Smart stainless steel system with brakes
- Detachable hooks, glove and shield storage
- 5 or 10 apron models

Thyroid Shields • The sensitive gland protection

- Our thyroid shields and collars are designed to be one size fits all.
- All our thyroid shields can be affixed to the aprons.

Eye Protection

- The UniRay range of eyewear offers light comfortable frames with 0.75 mm Pb that absorb at least 99% scattered radiation.
- Globally popular model provides for perfect frontal protection Protects the user from frontal as well as lateral radiation
This green material replaces all the lead with a mixture of bismuth, tungsten and antimony. It meets the European standards for safe disposal. LiteGreen™ also matches MaxiLite™ in its lightweight qualities making it the material of choice for users.

MaxiLite™ uses the substitution technique over a large part of lead in protective sheeting to result in a product that is 20-30% lighter than most leaded materials and at least 10% lighter than all other available materials in the market. Apparel made with MaxiLite™ are best used in x-ray assisted surgery or in Cath Labs where the user wears the apparel for long hours.

LiteLead™ is the lightest fully leaded material in the market. It is formulated using fine particles of lead rather than lead oxide, which along with the advanced binding system helps in lowering its weight without compromising its lead equivalence.