STEMRAD®

Radiation Protection on Earth and Beyond

STEMRAD® MD

DATASHEET

Keeping Physician Radiation Dose As Low As Reasonably Achievable (ALARA)

Maximizing Protection while Negating the Weight

Visor

0.30 mm lead eq. (91.5% attenuation at 100 kVp)

Integrated Thyroid Collar

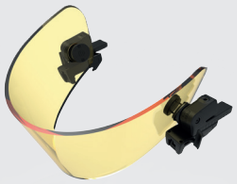
0.50 mm lead eq. (97.2% attenuation at 100 kVp)

Expanded Protection

0.50 mm lead eq. on both front and sides. 1.0 mm lead eq. in front overlap area

Proprietary Exoskeleton

Removes up to 100% of the weight from the user's body



Full head protection allowing you to wear your own prescription glasses

The Protective Visor:

- Protects from lower-angle scattered radiation without interrupting the line of sight to the monitor.
- Provides a much greater area of coverage compared with lead glasses for improved protection of the face, head, eyes and brain.
- Visor weight is completely supported by the exoskeletal system.
- The visor negates the need for protective eyewear and allows you to wear your own prescription glasses.

State-of-the-art lead-free material, tested and certified with full energy range (50-150 kV)

The Protective Envelope:

- More robust attenuation compared to aprons, maximizing user protection on the front and sides.
- Upper arm sleeves prevent radiation scatter into the chest.
- Integrated thyroid collar negates the need for extra protective apparel.

Proprietary exoskeleton which channels all of the weight to the floor while enabling free movement

The Exoskeletal System:

- Removes the weight of the robust protective elements from the operator and transfers it to the floor.
- Provides seamless turning and bending via patented hip and knee joints.
- Allows for unimpeded walking while still supporting the load.

Dedicated hanger system enabling easy entry and exit of the system

The Hanger System:

- Serves as dual purpose stowage and donning/doffing solution.
- Provides easy transferability of the system around the hospital.

Sizing

The StemRad MD system is sized according to each individual users' body to maximize comfort and user experience.

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