

Personal Radiation Protection

For Intervention Surgeries and Fluoroscopic Procedures



Prevents:

- Orthopedic Strain
- Radiation Exposure
- Injury and Discomfort from Heat



Behind each radiological intervention surgery, is the hard work and selflessness of the surgeons. Unfortunately, they suffer a lot of occupational injury in the process, including orthopedic strain caused by wearing a heavy lead protective apron for an extended period of time; injury and discomfort caused by the lack of air circulation and heat from the airtight lead protective apron; and injury and damage caused by cumulative radiation exposure. These injury concerns not only impact the quality and successfulness of an interventional surgery, surgeons also carry a great amount of pressure and burden physically and psychologically.

BqSv Floating Radiation Protection uses the newest electric suspension technology, which can effectively bear the weight of the lead apron. Apron users can hardly feel its weight on them and they can move with ease and flexibility. The interior of the apron uses a lead-free and toxic-free radiation shielding material. The outer surface is made of anti-pollutant and anti-bacterial material. The inner surface that makes contact with the users, it has an insulation layer to keep away sweat and heat, which improves comfort and temperature level when wearing.

The BqSv Floating Radiation Protection can be matched with a specially designed sterile gown, which reduces the risk of infection during interventional surgery.



Features

Effectively support more than 95% of the weight of the Lead Apron

Radiation protection
Front side is overlapping to reach 1.0 mm lead equivalent, the remaining is 0.5 mm lead equivalent.

Built-in digital dosimeter with high sensitivity
Through a mobile APP, it can monitor the radiation dose value during the interventional surgery

Can Wireless control and adjust the suspension height

Insulated inner layer keeps away sweat and reduces the stuffiness and heat

Can be matched with various lead glasses, or protective masks and lead caps

Friendly adjustable to the any users height

Freely Rotatable in 360° to easily move horizontally and vertically

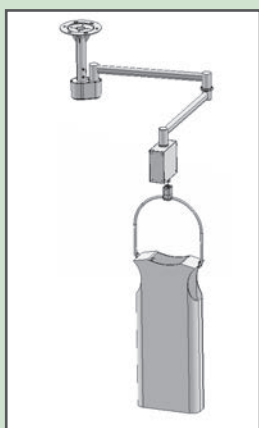
Can be matched with customized sterile gown

Easily be put on (don) and taken off (doff), it can also be disassembled or replaced

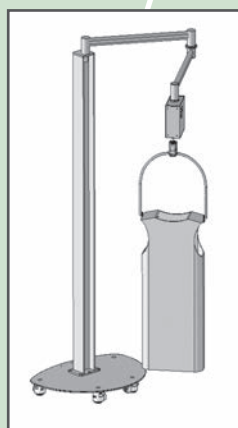
Made in lead-free and radiation-free protective material, with anti-pollutant and anti-bacterial fabrics



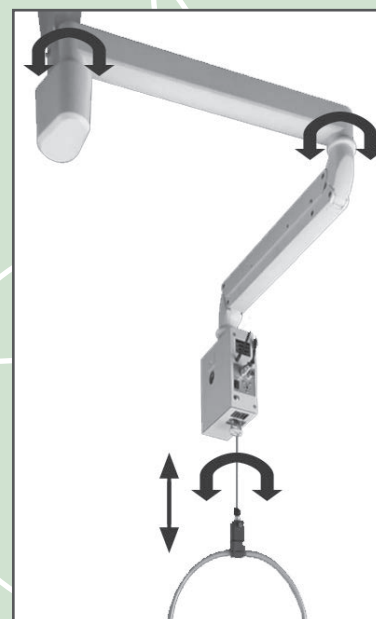
Single Suspension Type



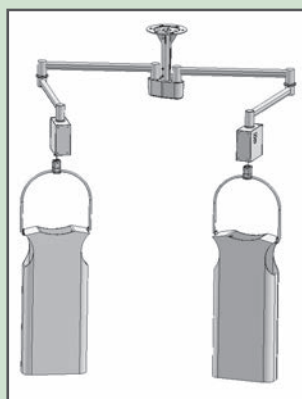
Single Lead Apron
(Ceiling Secured)
(SLA-C)



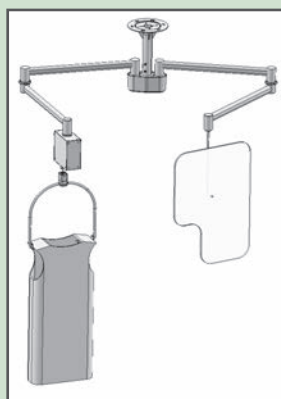
Single Lead Apron
(Ground Secured)
(SLA-G)



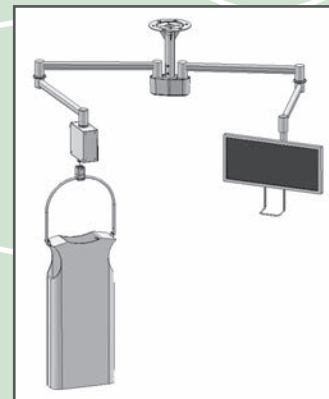
Double Suspension Type (Ceiling Secured)



Dual Lead Apron
(DLA-A2)



Lead Apron +
Acrylic Shielding
(DLA-AG)



Lead Apron + Monitor
(DLA-AM)

Specifications	W X L (cm)	Chest (cm)
M	51 X 88	75 ~ 90
L	55 X 96	80 ~ 95
LL	60 X 102	90 ~ 105

Colors :



Customized available

Pre-installation Requirements:

1. Power Supply: AC110 - 220V, with ground, output 24V 56w
2. Recommended ceiling height is 270 cm or more
3. Ceiling structure must be able to support more than 80 kg
4. Installation location must keep safe distance with other equipment

Mobile Weight-Less Radiation Protective Apron

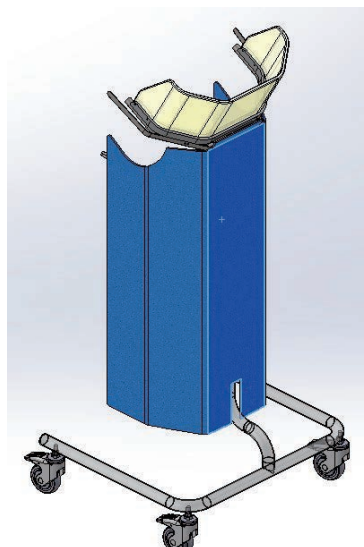
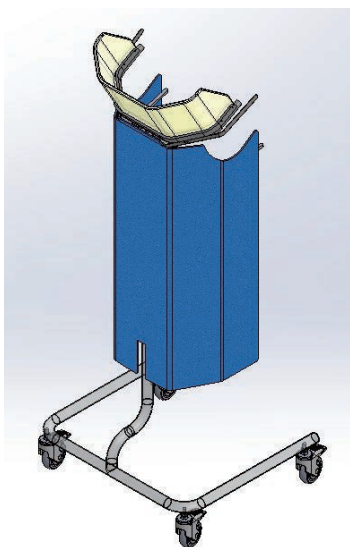


Curved, acrylic design, 1mm lead (Pb) equivalent, protects head and neck areas.

Overlapping sleeve design, effectively shields both arms and upper body areas.

Floating Radiation Protective Apron has 1mm lead (Pb) equivalent shielding, more shielding than traditional lead apron.

Mobile, ground-support desing, surgeons do not feel the weight and burden from normal wear of a typical lead apron.



MFRPA-01

Dimensions : Width 70 cm
Depth 70 cm
Height 145 to 177 cm
(adjustable)

Weight : ~35 kg



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