

RADIATION PROTECTION



**AmRay**  
Group

**YOUR PROTECTION. OUR VOCATION.**



## Our Mission.

**AmRay Group** is a global leader in providing radiation protection for the medical, healthcare and industrial sectors in global markets.

Our mission in life is to offer best-in-class protection solutions to diagnostic imaging professionals and the patients they care for.

We do so by providing a wide range of personal radiation protection, produced in accordance with the highest standards of quality specification and independently audited and verified.

This is backed up by a level of personalised service that has raised the standard in our industry and continues to set us apart from our competitors.



**William Johnston**  
Managing Director



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YOUR PROTECTION. OUR VOCATION.

## WELCOME TO THE WORLD OF AMRAY.

**AmRay** has been providing radiation protection solutions for over three decades, and has established itself as the innovative and proactive partner of choice to healthcare professionals whose day-to-day lives involve the harnessing of radiation while caring for their patients.

We were founded by one such healthcare professional, so our focus has always been on delivering the optimum levels of personal protection to those who work in healthcare professions.

### Setting the standard for verification and transparency.

From day one, we have forged a reputation for exceeding the regulatory standards in our industry, and continue to do so today through our insistence on third party verification and the inclusion of our testing laboratory on all our product certifications.

We are also driven by a commitment to providing customised solutions for those who require something more than an 'out of the box' approach. We do so by working closely with Radiation Protection Advisors (RPA), Radiation Safety Officers (RSO), radiographers and other stakeholders across all our geographical regions, ensuring that we are addressing the real needs of today's market.

### A deeply personal approach.

We also offer a level of personalised service that sets us apart from our competitors - everything from a free tracking service (**A-Track**) to garment customisation for radiation professionals that's accessed via our website or by an accompanying app.

Proof of our commitment to product and service excellence is the fact that we are the chosen radiation protectors for hospitals, medical institutions and industrial users right throughout Europe, the Middle East, Asia and beyond.

If you have a requirement for radiation protection, we should be talking to each other. We look forward to hearing from you!

## MEET THE AMRAY TEAM.



### William Johnston

Managing Director

As Managing Director of **AmRay**, I lead a dedicated team of sales and technical professionals as we strive to raise the bar in terms of protecting the health and well-being of our global customers.

E: [william@amraygroup.com](mailto:william@amraygroup.com)



### Helen Johnston

CEO

A radiographer by profession, my vision has always been to listen to the customer and provide radiation protection garments that are designed with the end user requirements in mind. As CEO, I take a hands-on role in ensuring the quality we're famed for is consistently built on and the original vision is continuously put into practice.

E: [helen@amraygroup.com](mailto:helen@amraygroup.com)



### Anne Canaveera

Key Account Manager

A French national, I have overall responsibility for development of the European mainland market and am a key liaison for our network of agents and distributors. I am in charge of all our quality certifications, ensuring they are embodied in all divisions from manufacturing right through to delivery.

E: [anne.canaveera@amraygroup.com](mailto:anne.canaveera@amraygroup.com)



### Jane Finnegan

Customer Support

Working across a broad range of areas, my main focus is to ensure our customers' needs are answered, by bringing structure and rigour to our production processes.

E: [jane.finnegan@amraygroup.com](mailto:jane.finnegan@amraygroup.com)



### Verity Boal

Key Account Manager

I have a solid understanding of the needs of the modern-day medical professional which allows me to expand the **AmRay** footprint in the Irish and U.K. markets. I am the key liaison for customers in these markets and ensure we're doing everything we possibly can to meet their needs.

E: [verity.boal@amraygroup.com](mailto:verity.boal@amraygroup.com)

# AMRAY GOES FURTHER FOR CLARITY AND TRANSPARENCY.

Regulatory updates and improvements are implemented within our sector to ensure that every product bought is fairly and accurately described on the label. Under the most recent updates to IEC:61331-3-2014, it is mandatory that the area density (weight) of the material within the garment is clearly stated. Under this regulation, however, the stated weight does not require certification by a third party.

We strongly believe that the weight of the protective garment is vitally important when choosing our products over others, and that the weight should be verified by an independent body. For this reason, we have requested that the independent test laboratory publishes the area density of our supplied sample on the Test Report provided. This is **YOUR** guarantee that the **AmRay** radiation protective product you buy is as is stated on the label.

## THE AMRAY PROMISE.

**AmRay** is the only manufacturer of radiation protective aprons to offer a **THREE-YEAR GUARANTEE**, which is proof positive of the confidence we have in our product range. This confidence is based on three decades of manufacturing excellence, and is supported by adherence to the highest industry standards, including ISO 9001:2015, Regulation (EU) 2016/425 (Module B & D), IEC 61331-1 :2014 and 61331-3 :2014.



Exceeding  
**Quality**  
Standards



Radiation  
Protection  
**Expert**



Caring  
Is In  
Our DNA



Trusted by  
Professionals



Unique 3-Year  
Guarantee



# THE MATERIALS AT THE HEART OF OUR SUCCESS STORY.

With its high atomic mass and low atomic density, lead has always been the preferred material for protecting healthcare professionals who regularly come in contact with radiation.

At **AmRay**, we offer three different variants, each with their own particular benefits in terms of functionality and cost.

## LIGHT LEAD

✓ IEC 61331-1-2014 COMPLIANT

✓ IEC 61331-3-2014 COMPLIANT

### 100% LEAD

The perfect solution when needed and in use for shorter periods of time. The ideal choice for medical professionals and patients within radiology, dental, veterinary and nuclear medicine.

## LIGHT PLUS

✓ IEC 61331-1-2014 COMPLIANT

✓ IEC 61331-3-2014 COMPLIANT

### LIGHTWEIGHT LEAD COMPOSITE MATERIAL

Combining lead with antimony, all models are significantly lighter than "Light" lead apparel. "Light Plus" is often considered the economical choice for a garment which is comfortable and provides optimum protection.

## SUPREME LEAD-FREE

✓ IEC 61331-1-2014 COMPLIANT

✓ IEC 61331-3-2014 COMPLIANT

AmRay Supreme Lead-Free was developed solely to be the lightest protective material on the market while maintaining a high standard of protection against scatter or fluorescent radiation within the range of 50-110 KeV.

This revolutionary protective material consists of two fundamental materials, bismuth and antimony which protect throughout the full voltage spectrum required as per the most recent regulatory requirements. While antimony will block the transmission of scatter radiation between 60-110KeV, bismuth will block the transmission of lower level scatter or fluorescent radiation between 50-90KeV.

Supreme Lead Free protective material, being exclusive to AmRay, has been proven to be the lightest on offer, while offering optimum protection when considering current testing standards. Combined with the ergonomic design of our apparel, you will be wearing the most comfortable and protective apron on the market.





# TRACKING YOUR PERSONAL PROTECTION EQUIPMENT HAS NEVER BEEN EASIER.

The task of tracking Personal Protection Equipment has never been more onerous, as the range of products on the market becomes wider with each passing year.


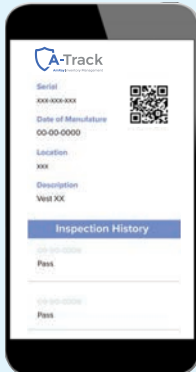
To simplify the task, without compromising safety or standards, **AmRay** offer all our customers access to **A-Track**, cloud-based software which allows users to easily manage, track and document the inspection of radiation protection garments.

From the moment you log in to **A-Track**, you can clearly see what garments require inspection and when. Once a garment is added to the system, an intelligent tracking device will reduce the amount

of information you are required to enter by pre-populating user input, saving you time and effort.

With an integrated iOS and Android application, retrieving full garment history becomes as easy as taking a photograph. Through the use of QR codes, you can easily retrieve the history of any garment fitted with an **A-Track** label. Just scan the label and you can easily see the garment's full details, including a full history of inspections.

No capital investment is required in hardware and if you are not a smartphone user you can still input the unique code into any web browser and retrieve results via the cloud-based **A-Track** software.

 <b>Download A-Track App</b>	<b>STEP 1</b> Select your garment	<b>STEP 2</b> Scan the A-Track QR code	<b>STEP 3</b> Identify product details
 <p><b>Android:</b></p>  <p><b>iPhone:</b></p> 			





## WHEN CUSTOMISATION IS KING, WE TRULY COME INTO OUR OWN.

Our company was initially established because our founder, Helen Johnston, was less than impressed with the one-size-fits-all approach of many suppliers.

Her response was to develop a user-friendly approach to radiation protection, providing customised solutions to healthcare professionals

of all shapes and sizes, and delivering a whole new level of comfortably fitting protective clothing that was truly fit for purpose.

Today, this level of customisation is evident in our multiple fastening solutions, our range of materials, and our colour options offered.

## BESPOKE SERVICE.

At AmRay, we fully recognise that one size very definitely doesn't fit all. That's why we offer a fully bespoke service, which ensures that you get the precise fit you need, with the design or colouring that you prefer. Not only does this deliver a more comfortable fit for daily wear, but you'll also enjoy the level of protection that we're rightly famous for.

On choosing an apron, it is important to select a style that best suits your shape. Because there are so many different body types, we offer a variety of models allowing you to create your own individual set by matching any vest with any skirt, in order to maximize your comfort.

Using our customisation feature online, you can select your requirements and receive an automatically generated quote, direct to your inbox.

## AMRAY OPTIONS.

Together with our wide choice of garment combinations, **AmRay** offer:



Monogram



Logo on Pocket



Thyroid Collar  
Clipped on



Closure Choice



Inventory Management

# CREATE YOUR PERFECT GARMENT COMBINATION.



**Customised  
Just For YOU**

AmRay offer a wide range of garment combinations to ensure you can order the exact outfit you require. You can base your selection on colour combinations, on closure styles, on accessories for your chosen garments, or on the addition of monograms or logos.

Using our customisation feature online, you can select your requirements and receive an automatically generated quote, direct to your inbox.

## Select:

**VEST**  
Model, Colour, Closures

**SKIRT**  
Model, Colour, Closures

**ACCESSORY**

**MATERIAL**

Light Lead	Light Plus <input checked="" type="checkbox"/>	Supreme Lead Free
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**LEAD EQUIVALENCE**

.25/.25	.35/.25	.35/.35	.50/.25
.50/.35	.70/.25	.70/.35	<input checked="" type="checkbox"/>

**COLOUR**

**SIZE**

XS   S   M    L   XL   2XL

**AMRAY OPTIONS**  
Monogram, Logo on pocket,  
Thyroid collar clipped on,  
Closures, **A-Track**  
Inventory Management

**ORDER YOUR GARMENTS**

## COLOUR OPTIONS

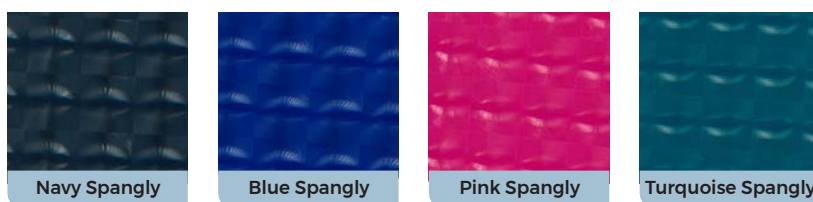
### Flex-DC

Flex-DC is a specially formulated material unique to **AmRay**. Flex-DC gives the user a lightweight flexible material that is hard-wearing and durable. Its flexible properties afford the user complete comfort and ease of movement, avoiding unwelcome bulging from bending, sitting or leaning. A polyurethane coating provides an easy-clean surface to avoid staining and provides high standards of hygiene. All aprons come with a soft nylon lining for added comfort.

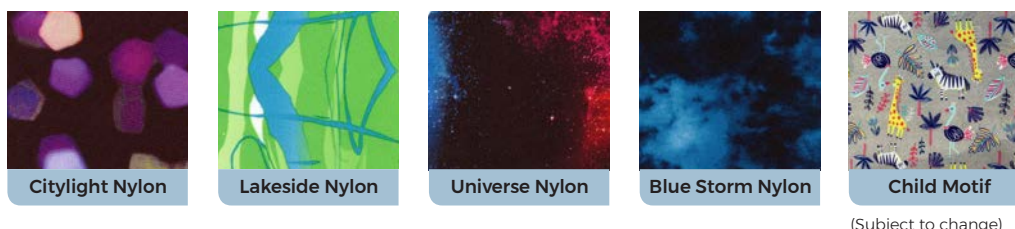


### Spangly

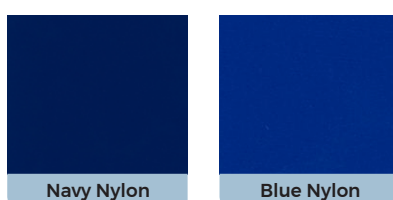
The Spangly material contains an additional coating to create an easy-clean surface resistant to staining. The Spangly material is hard-wearing, durable and its easy-clean surface promotes higher standards of hygiene. All aprons come with a soft nylon lining for added comfort.



### Nylon



(Subject to change)



## Sizing Chart

The following sizing chart caters for our most popular sizes. If you need help selecting the right size, please refer to the guidelines on the right hand side of the chart or the short video on our website. As we manufacture all our garments to accommodate any size and shape, feel free to send us your measurements and we will assist you in choosing the most suitable radiation protection apron for you.

### Adults Sizing Chart:

SEMI-WRAP (MODEL 01 & 01F) / BACKSAVER (MODEL 02) / COAT APRON (MODEL 06)						
	XS	S	M	L	XL	XXL
Size	91	97	107	113	120	127
Chest Circumference	80-85	86-91	92-97	98-107	108-113	114-120
Length	100	100	100	100	100	100

When measuring total length, allow for overlap. For a better fit, measure at the widest point. Other lengths available: 90, 110, 120. Other sizes available on request.

VEST						
	XS	S	M	L	XL	XXL
Size	91	97	107	113	120	127
Chest Circumference	80-85	86-91	92-97	98-107	108-113	114-120
Length	50	55	60	65	65	65

When measuring total length allow for overlap. Other sizes available on request.

SKIRT							
Size	XS	S	M	L	LL	XL	XXL
Waist	65	70	75	81	87	93	103
Recommended Waist Measurements	63-67	68-72	73-78	79-84	85-90	91-97	98-108
Hips	90	95	100	106	112	118	128
Length	50	60	60	60	60	60	60

When measuring total length allow for overlap. Other lengths available: 70, 80. Any combination of size and length available. Other sizes available on request.

SINGLE FRONT & CLASSIC APRON					
Size	XS	S	M	L	XL
Shoulder Width	36	36	42	42	50
Front Width	50	55	60	75	75
Length	100	100	100	100	100

Shoulder width 36, 42 and 50 available on request.

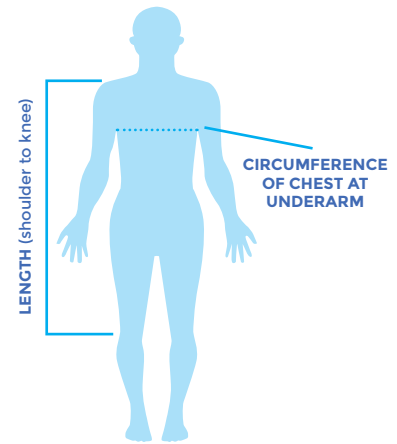
Other lengths available: 90, 110, 120. Other sizes available on request.

DOUBLE-SIDED APRON					
Size	XS	S	M	L	XL
Shoulder Width	36	36	42	42	50
Front/Back Width	50/50	55/55	60/60	60/75	75/75
Length	100	100	100	100	100

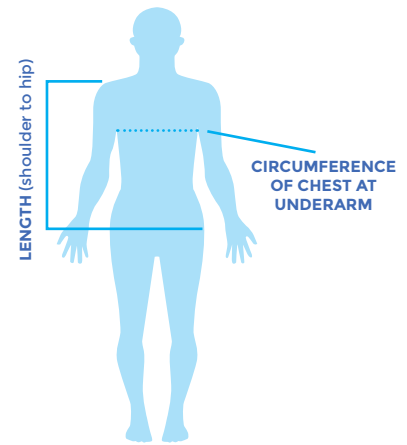
Shoulder width 36, 42 and 50 available on request.

Other lengths available: 90, 110, 120. Other sizes available on request.

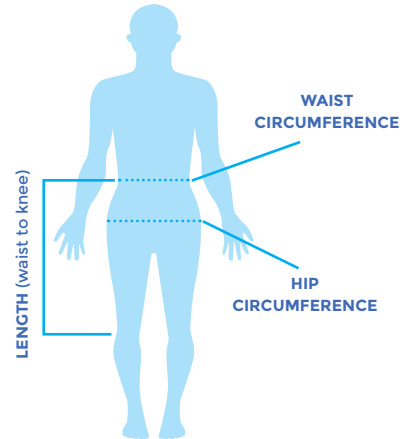
### SEMI-WRAP APRON/ BACKSAVER/COAT APRON



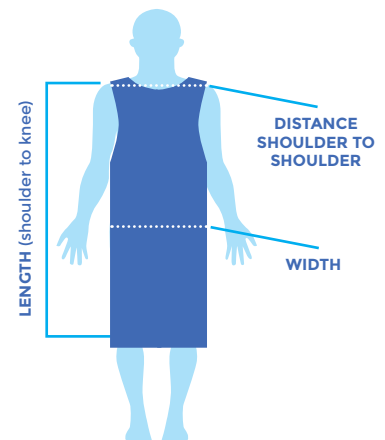
### VEST



### SKIRT



### SINGLE FRONT/CLASSIC/ DOUBLE-SIDED APRON



# A RANGE OF PERSONAL PROTECTION THAT'S SECOND TO NONE.

No matter what your radiation protection requirements may be, we've got you covered! From a wide range of vests to specialist aprons, you'll find exactly what you're looking for on the following pages.

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# Semi-Wrap Vest

(MODEL 31)



**3**  
YEAR  
GUARANTEE



Customised  
Just For YOU

The Semi-Wrap Vest has a 35cm double overlapping front with shoulder fastening.



Velcro closure - shoulder



Velcro closure - side

## PRODUCT OVERVIEW

- ✓ Greater air circulation
- ✓ Padded shoulders
- ✓ Soft outer material to allow for complete flexibility
- ✓ Even transfer of weight between shoulders and hips to reduce fatigue
- ✓ Made to individual measurements
- ✓ Antibacterial surface

## AmRay OPTIONS

- ✓ Monogram
- ✓ Logo on pocket
- ✓ Thyroid collar clipped on
- ✓ **A-Track**  
AmRay Inventory Management

## MATERIALS

Light Lead

Light Plus

Supreme Lead-Free

## LEAD EQUIVALENCE

.35/.25	.35/.35
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.50/.25	.50/.35
---------	---------

.70/.25	.70/.35
---------	---------

## PROTECTION



Front, back and sides protection

## SIZE OPTIONS

XS	S	M
L	XL	2XL

Other sizes available on request  
Please refer to size chart p. 12

# Ergo-Fit

(MODEL 46)



Crossover adjustable panels to the back with elasticated Velcro closure for back support and individual comfort.



Front closure



Back closure



Velcro closure - side

PRODUCT OVERVIEW		AmRay OPTIONS	
<ul style="list-style-type: none"> <li>✓ Greater air circulation</li> <li>✓ Padded shoulders</li> <li>✓ Soft outer material to allow for complete flexibility</li> <li>✓ Even transfer of weight between shoulders and hips to reduce fatigue</li> <li>✓ Made to individual measurements</li> <li>✓ Antibacterial surface</li> </ul>		<ul style="list-style-type: none"> <li>✓ Monogram</li> <li>✓ Logo on pocket</li> <li>✓ Thyroid collar clipped on</li> <li>✓  A-Track <small>AmRay Inventory Management</small></li> </ul>	
MATERIALS	LEAD EQUIVALENCE	PROTECTION	SIZE OPTIONS
Light Lead	.25/.25	<p>Front, back and sides protection</p>	XS   S   M
Light Plus	.35/.25   .35/.35		L   XL   2XL
Supreme Lead-Free	.50/.25   .50/.35		Other sizes available on request Please refer to size chart p. 12

# Full-Wrap Vest

(MODEL 48)





**3**  
YEAR  
GUARANTEE



Customised  
**Just For YOU**

Full front overlapping with Velcro closure, offering superior protection.  
The inside Velcro keeps the inner front panel in place.



PRODUCT OVERVIEW		AmRay OPTIONS									
<ul style="list-style-type: none"> <li>✓ Greater air circulation</li> <li>✓ Padded shoulders</li> <li>✓ Soft outer material to allow for complete flexibility</li> <li>✓ Even transfer of weight between shoulders and hips to reduce fatigue</li> <li>✓ Made to individual measurements</li> <li>✓ Antibacterial surface</li> </ul>		<ul style="list-style-type: none"> <li>✓ Monogram</li> <li>✓ Logo on pocket</li> <li>✓ Thyroid collar clipped on</li> <li>✓ </li> </ul>									
MATERIALS	LEAD EQUIVALENCE	PROTECTION	SIZE OPTIONS								
Light Lead	<table border="1"> <tr> <td>.35/.25</td> <td>.35/.35</td> </tr> </table>	.35/.25	.35/.35	 <p>Front, sides and back protection Full front overlapping</p>	<table border="1"> <tr> <td>XS</td> <td>S</td> <td>M</td> </tr> <tr> <td>L</td> <td>XL</td> <td>2XL</td> </tr> </table>	XS	S	M	L	XL	2XL
.35/.25	.35/.35										
XS	S	M									
L	XL	2XL									
Light Plus	<table border="1"> <tr> <td>.50/.25</td> <td>.50/.35</td> </tr> </table>	.50/.25	.50/.35	<p>Other sizes available on request Please refer to size chart p. 12</p>							
.50/.25	.50/.35										
Supreme Lead-Free	<table border="1"> <tr> <td>.70/.25</td> <td>.70/.35</td> </tr> </table>	.70/.25	.70/.35								
.70/.25	.70/.35										



# Classic Vest

(MODEL 47)



Double-sided vest with closure on right side for complete left side protection.



Velcro Closure - Shoulder



Velcro Closure - Side

PRODUCT OVERVIEW		AmRay OPTIONS	
<ul style="list-style-type: none"> <li>✓ Greater air circulation</li> <li>✓ Padded shoulders</li> <li>✓ Soft outer material to allow for complete flexibility</li> <li>✓ Even transfer of weight between shoulders and hips to reduce fatigue</li> <li>✓ Made to individual measurements</li> <li>✓ Antibacterial surface</li> </ul>		<ul style="list-style-type: none"> <li>✓ Monogram</li> <li>✓ Logo on pocket</li> <li>✓ Thyroid collar clipped on</li> <li>✓  A-Track <small>AmRay Inventory Management</small></li> </ul>	
MATERIALS	LEAD EQUIVALENCE	PROTECTION	SIZE OPTIONS
Light Lead	.25/.25	<p>Front, sides and back protection Partial side overlapping</p>	XS S M
Light Plus	.35/.25 .35/.35		L XL 2XL
Supreme Lead-Free	.50/.25 .50/.35		Other sizes available on request Please refer to size chart p. 12

# Tailor-Fit

(MODEL 49)



Vest with 15cm partial overlap, with choice of zipper or Velcro fastening.



Velcro closure




Zipper closure

## PRODUCT OVERVIEW

- ✓ Greater air circulation
- ✓ Padded shoulders
- ✓ Soft outer material to allow for complete flexibility
- ✓ Even transfer of weight between shoulders and hips to reduce fatigue
- ✓ Made to individual measurements
- ✓ Antibacterial surface

## AmRay OPTIONS

- ✓ Monogram
- ✓ Logo on pocket
- ✓ Thyroid collar clipped on
- ✓  A-Track  
AmRay Inventory Management

## MATERIALS

Light Lead

Light Plus

Supreme Lead-Free

## LEAD EQUIVALENCE

.25/.25

.35/.25    .35/.35

.50/.25    .50/.35

## PROTECTION



Front, sides and back protection  
Partial front overlapping

## SIZE OPTIONS

XS    S    M

L    XL    2XL

Other sizes available on request  
Please refer to size chart p. 12

# Easy-Fit

(MODEL 44)

**3**  
YEAR  
GUARANTEE

Customised  
Just For YOU

Double sided vest with Velcro closure to front.



Velcro closure - Shoulder



Velcro closure - Side

## PRODUCT OVERVIEW

- ✓ Greater air circulation
- ✓ Padded shoulders
- ✓ Soft outer material to allow for complete flexibility
- ✓ Even transfer of weight between shoulders and hips to reduce fatigue
- ✓ Made to individual measurements
- ✓ Antibacterial surface

## AmRay OPTIONS

- ✓ Monogram
- ✓ Logo on pocket
- ✓ Thyroid collar clipped on
- ✓  **A-Track**  
AmRay Inventory Management

## MATERIALS

Light Lead

Light Plus

Supreme Lead-Free

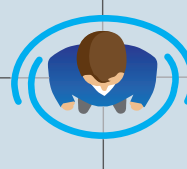
## LEAD EQUIVALENCE

.25/.25 .35/.25

.35/.35 .50/.25

.50/.35 .50/.50

## PROTECTION



Front and back protection

## SIZE OPTIONS

XS S M

L XL 2XL

Other sizes available on request  
Please refer to size chart p. 12

# Ergo-Fit+

(MODEL 45)



Full protection to front and back with adjustable elasticated Velcro flaps for back support and individual comfort.



Velcro flaps

PRODUCT OVERVIEW		AmRay OPTIONS	
<ul style="list-style-type: none"> <li>✓ Greater air circulation</li> <li>✓ Padded shoulders</li> <li>✓ Soft outer material to allow for complete flexibility</li> <li>✓ Even transfer of weight between shoulders and hips to reduce fatigue</li> <li>✓ Made to individual measurements</li> <li>✓ Antibacterial surface</li> </ul>		<ul style="list-style-type: none"> <li>✓ Monogram</li> <li>✓ Logo on pocket</li> <li>✓ Thyroid collar clipped on</li> <li>✓ Velcro or buckle closure</li> </ul>	
MATERIALS	LEAD EQUIVALENCE	PROTECTION	SIZE OPTIONS
Light Lead	.25/.25	<p>Front, back and sides protection</p>	XS S M
Light Plus	.35/.25 .35/.35		L XL 2XL
Supreme Lead-Free	.50/.25 .50/.35		Other sizes available on request Please refer to size chart p. 12

# Skirt

(MODEL 04)



**3**  
YEAR  
GUARANTEE



Customised  
Just For YOU

Wide overlapping front panels provide double protection to front. Velcro fastening with webbing belt or support belt.

Our skirt and vest models are by far the most popular choice for medical professionals performing extended procedures such as cardiology, neurology and urology. The wide skirt allows for ease of movement and the vests' ergonomic design reduces fatigue and minimises discomfort to the back and shoulders.



Buckle closure



Support belt



## PRODUCT OVERVIEW

- ✓ Greater air circulation
- ✓ Soft outer material to allow for complete flexibility
- ✓ Made to individual measurements
- ✓ Support on internal back panel for added comfort
- ✓ Antibacterial surface

## AmRay OPTIONS

-  Monogram
-  Support belt
- 

## MATERIALS

Light Lead

Light Plus

Supreme-Lead Free

## LEAD EQUIVALENCE

.35/.25 .35/.35

.50/.25 .50/.35

.70/.25 .70/.35

## PROTECTION



Front, sides and back protection  
Full front overlapping

## SIZE OPTIONS

XS S M

L LL XL 2XL

Other sizes available on request  
Please refer to size chart p. 12

# Semi-Wrap Apron

(MODEL 01)



**3**  
YEAR  
GUARANTEE



Customised  
Just For YOU


The Semi-Wrap Apron is a one-piece design affording the user maximum protection and comfort.

Ideally suited for extended procedures such as cardiology, neurology and urology, the 50/25 apron is praised among medical professionals for the significant levels of comfort they enjoy when wearing this ergonomically designed purpose-made apron.



Velcro closure

PRODUCT OVERVIEW
<ul style="list-style-type: none"> <li>✓ Greater air circulation</li> <li>✓ Padded shoulders</li> <li>✓ Soft outer material to allow for complete flexibility</li> <li>✓ Even transfer of weight between shoulders and hips to reduce fatigue</li> <li>✓ Made to individual measurements</li> <li>✓ Antibacterial surface</li> </ul>

AmRay OPTIONS
<ul style="list-style-type: none"> <li>✓ Monogram</li> <li>✓ Logo on pocket</li> <li>✓ Thyroid collar clipped on</li> <li>✓ Support belt</li> <li>✓ Buckle or Velcro closure</li> </ul>


MATERIALS
Light Lead
Light Plus
Supreme Lead-Free

LEAD EQUIVALENCE	
.35/.25	.35/.35
.50/.25	.50/.35
.70/.25	.70/.35

PROTECTION

Full protection to front, back and sides with 35cm overlap

SIZE OPTIONS		
XS	S	M
L	XL	2XL
Other sizes available on request Please refer to size chart p. 12		

# Full Wrap Apron

(MODEL 01F)



**3**  
YEAR  
GUARANTEE



Customised  
Just For YOU

Combining the popular and ergonomic design of the semi-wrap apron, with additional protection, to offer full frontal coverage.



Velcro closure

## PRODUCT OVERVIEW

- ✓ Greater air circulation
- ✓ Padded shoulders
- ✓ Soft outer material to allow for complete flexibility
- ✓ Even transfer of weight between shoulders and hips to reduce fatigue
- ✓ Made to individual measurements
- ✓ Antibacterial surface

## AmRay OPTIONS

- ✓ Monogram
- ✓ Logo on pocket
- ✓ Thyroid collar clipped on
- ✓ Support belt
- ✓ Velcro closure



## MATERIALS

Light Lead

Light Plus

Supreme Lead-Free

## LEAD EQUIVALENCE

.35/.25    .35/.35

.50/.25    .50/.35

.70/.25    .70/.35

## PROTECTION



Front, sides and back protection  
Full front overlapping

## SIZE OPTIONS

XS	S	M
L	XL	2XL

Other sizes available on request  
Please refer to size chart p. 12

# Backsaver

(MODEL 02)

**3**  
YEAR  
GUARANTEE

Customised  
Just For YOU

The Backsaver offers all-round protection with less weight and is designed with adjustable elasticated back panels for back support and individual comfort.



Velcro closure



PRODUCT OVERVIEW		AmRay OPTIONS	
<ul style="list-style-type: none"> <li>✓ Greater air circulation</li> <li>✓ Padded shoulders</li> <li>✓ Soft outer material to allow for complete flexibility</li> <li>✓ Even transfer of weight between shoulders and hips to reduce fatigue</li> <li>✓ Made to individual measurements</li> <li>✓ Antibacterial surface</li> </ul>		<ul style="list-style-type: none"> <li>Monogram</li> <li>Logo on pocket</li> <li>Thyroid collar clipped on</li> <li>Velcro closure</li> <li> A-Track <small>AmRay Inventory Management</small></li> </ul>	
MATERIALS	LEAD EQUIVALENCE	PROTECTION	SIZE OPTIONS
Light Lead	.25/.25	<p>Front, back and side protection</p>	XS S M
Light Plus	.35/.25 .35/.35		L XL 2XL
Supreme Lead-Free	.50/.25 .50/.35		Other sizes available on request Please refer to size chart p. 12



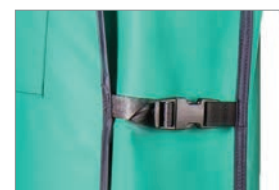
# Coat Apron

(MODEL 06)

The Coat Apron affords full protection to the front, rear and sides. Worn like a coat, this apron is fastened with quick release adjustable buckles.

**3**  
YEAR  
GUARANTEE

Customised  
Just For YOU



Adjustable buckles

## PRODUCT OVERVIEW

- ✓ Greater air circulation
- ✓ Padded shoulders
- ✓ Soft outer material to allow for complete flexibility
- ✓ Even transfer of weight between shoulders and hips to reduce fatigue
- ✓ Made to individual measurements
- ✓ Antibacterial surface

## AmRay OPTIONS

- ✓ Monogram
- ✓ Logo on pocket
- ✓ Thyroid collar clipped on



## MATERIALS

Light Lead

Light Plus

Supreme Lead-Free

## LEAD EQUIVALENCE

.25/.25    .35/.25

.35/.35

.50/.25    .50/.35

## PROTECTION



Front, back and sides protection

## SIZE OPTIONS

XS    S    M

L    XL    2XL

Other sizes available on request  
Please refer to size chart p. 12

# Double-Sided Apron

(MODEL 05)

**3**  
YEAR  
GUARANTEE

**Customised  
Just For YOU**

The double-sided or "Tabard style" apron provides full protection to front and back with a Velcro closure



### CLOSURES

- Single side open
- Both sides open
- Single shoulder closed



Velcro closure - shoulder



Velcro closure - side

### PRODUCT OVERVIEW

- ✓ Greater air circulation
- ✓ Padded shoulders
- ✓ Soft outer material to allow for complete flexibility
- ✓ Even transfer of weight between shoulders and hips to reduce fatigue
- ✓ Made to individual measurements
- ✓ Antibacterial surface

### AmRay OPTIONS

- Monogram
- Logo on pocket
- Thyroid collar clipped on
-  **A-Track**  
AmRay Inventory Management

### MATERIALS

Light Lead

Light Plus

Supreme Lead-Free

### LEAD EQUIVALENCE

.25/.25    .35/.25

.35/.35

.50/.25    .50/.35

### PROTECTION



Front and back protection

### SIZE OPTIONS

XS    S    M

L    XL

Other sizes available on request  
Please refer to size chart p. 12

# Single Front Apron

(MODEL 07)



The Single Front Apron is suitable where protection is required to the front only. While providing complete protection for the user, there is also a choice of three closure options depending on user preference. This design offers complete flexibility and ease of movement, thus ensuring the highest level of comfort at all times.



Velcro closure - Side



**Closure A:** Velcro flap between the shoulders



**Closure B:** Buckle with fully adjustable strap



**Closure C:** Elasticated Velcro fastening provides individual fit

## PRODUCT OVERVIEW

- ✓ Greater air circulation
- ✓ Padded shoulders
- ✓ Soft outer material to allow for complete flexibility
- ✓ Even transfer of weight between shoulders and hips to reduce fatigue
- ✓ Made to individual measurements
- ✓ Antibacterial surface

## AmRay OPTIONS

- ✓ Monogram
- ✓ Logo on pocket
- ✓ Thyroid collar clipped on
- ✓ Single Front Fluoroscopy Apron available on request
- ✓ A-Track  
AmRay Inventory Management

## MATERIALS

Light Lead

Light Plus

Supreme Lead-Free

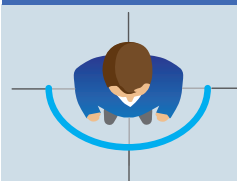
## LEAD EQUIVALENCE

.25mm Pb

.35mm Pb

.5mm Pb

## PROTECTION



Front protection

## SIZE OPTIONS

XS

S

M

L

XL

Other sizes available on request  
Please refer to size chart p. 12

# Drop-Off Theatre Apron

(MODEL 08)



The Drop-Off Theatre apron is a single front apron with an instant release Velcro fastening to allow quick and easy removal without breaking the sterile field.



PRODUCT OVERVIEW
<ul style="list-style-type: none"> <li>✓ Greater air circulation</li> <li>✓ Padded shoulders</li> <li>✓ Soft outer material to allow for complete flexibility</li> <li>✓ Even transfer of weight between shoulders and hips to reduce fatigue</li> <li>✓ Made to individual measurements</li> <li>✓ Antibacterial surface</li> </ul>

AmRay OPTIONS
<ul style="list-style-type: none"> <li>Monogram</li> <li>Thyroid collar clipped on</li> <li>Velcro closure</li> <li>For Double-Sided Drop-Off Apron, see page 26</li> </ul>

MATERIALS
Light Lead
Light Plus
Supreme Lead-Free

LEAD EQUIVALENCE
.25mm Pb
.35mm Pb
.5mm Pb

PROTECTION
Front protection

SIZE OPTIONS
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">XS</div> <div style="border: 1px solid black; padding: 2px;">S</div> <div style="border: 1px solid black; padding: 2px;">M</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 2px;">L</div> <div style="border: 1px solid black; padding: 2px;">XL</div> </div>
Other sizes available on request Please refer to size chart p. 12

# Classic Apron

(MODEL 09)



The **AmRay Classic** is a low budget, functional single front apron. It is designed for high usage environment and withstands the rigours of everyday use. Ideal for short periods of use only.



## PRODUCT OVERVIEW

- ✓ Greater air circulation
- ✓ Even transfer of weight between shoulders and hips to reduce fatigue
- ✓ Made to individual measurements
- ✓ Low-cost functional apron
- ✓ Buckle closure

## AmRay OPTIONS

- ✓ Monogram
- ✓ A-Track  
AmRay Inventory Management

## Colour OPTIONS

Only available in nylon  
Only available in 2 colours



## MATERIALS

Light Lead

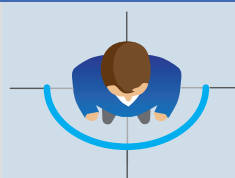
## LEAD EQUIVALENCE

.25mm Pb

.35mm Pb

.5mm Pb

## PROTECTION



Front protection

## SIZE OPTIONS

XS S M  
L XL

Other sizes available on request  
Please refer to size chart p. 12

# Dental Apron

(MODEL 10)




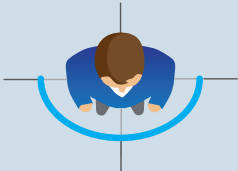
**3**  
YEAR  
GUARANTEE



Customised  
Just For YOU

Designed specifically for patient protection during dental procedures.



PRODUCT OVERVIEW		AmRay OPTIONS	
<ul style="list-style-type: none"> <li>✓ Practical Velcro fastening for ease of fitting and removal</li> <li>✓ Antibacterial surface</li> </ul>		<ul style="list-style-type: none"> <li>✓ Thyroid collar clipped on</li> <li>✓  <b>A-Track</b> <small>AmRay Inventory Management</small></li> </ul>	
MATERIALS	LEAD EQUIVALENCE	PROTECTION	SIZE OPTIONS
Light Lead	.25mm Pb <small>(Only available for Light)</small>	 <p>Front protection</p>	Adult
Light Plus	.35mm Pb		Child
Supreme Lead-Free	.5mm Pb		Other sizes available on request

# OPG Apron

(MODEL 11)

Suitable for Orthopantomogram (OPG) panoramic scanning X-Rays, this cape provides full front and shoulder protection for the patient.



PRODUCT OVERVIEW		AmRay OPTIONS	
<ul style="list-style-type: none"> <li>✓ Velcro closure</li> <li>✓ Even transfer of weight between shoulders</li> <li>✓ Antibacterial surface</li> </ul>			
MATERIALS	LEAD EQUIVALENCE	PROTECTION	SIZE OPTIONS
Light Lead	.25/.25	<p>Front and shoulders protection</p>	Adult
Light Plus	.35/.35		Child
Supreme Lead-Free	.50/.50		Other sizes available on request

# Paediatric

Effective radiation protection is achieved when garments are made to the correct size. **AmRay** offers the widest choice of protective aprons for children. A full choice of colour options are available as shown on our colour swatch.



## Coat Apron

(MODEL 06)

MATERIALS	LEAD EQUIVALENCE	SIZE OPTIONS	PROTECTION																
Light Lead	.25/.25	<table border="1"> <tr> <th>Size</th> <th>S</th> <th>M</th> <th>L</th> </tr> <tr> <th>Age</th> <td>0-4 yrs</td> <td>5-8 yrs</td> <td>9-12 yrs</td> </tr> <tr> <th>Width</th> <td>42-48</td> <td>44-50</td> <td>47-55</td> </tr> <tr> <th>Length</th> <td>55</td> <td>60</td> <td>70</td> </tr> </table>	Size	S	M	L	Age	0-4 yrs	5-8 yrs	9-12 yrs	Width	42-48	44-50	47-55	Length	55	60	70	<p>Front, back and sides protection</p>
Size	S	M	L																
Age	0-4 yrs	5-8 yrs	9-12 yrs																
Width	42-48	44-50	47-55																
Length	55	60	70																
Light Plus	.35/.25   .35/.35																		
Supreme Lead-Free	.50/.25   .50/.35																		

Note: Child motif subject to change



## Double-Sided Apron

(MODEL 05)

MATERIALS	LEAD EQUIVALENCE	SIZE OPTIONS	PROTECTION
Light Lead	.25/.25	Width: 40cm	<p>Front and back protection</p>
Light Plus	.35/.25   .35/.35	Length: 67cm	
Supreme Lead-Free	.50/.25   .50/.35	Other sizes available on request	



## Single Front Apron

(MODEL 07)

**Closure A:** Velcro flap between the shoulders

**Closure B:** Buckle with fully adjustable strap

**Closure C:** Elasticated Velcro fastening provides individual fit

MATERIALS	LEAD EQUIVALENCE	SIZE OPTIONS	PROTECTION
Light Lead	.25mm Pb (Only available for Light)	Width: 40cm	<p>Front protection</p>
Light Plus	.35mm Pb	Length: 67cm	
Supreme Lead-Free	.5mm Pb	Other sizes available on request	





# Skirt

(MODEL 04)



MATERIALS	LEAD EQUIVALENCE	SIZE OPTIONS	PROTECTION																
Light Lead	.35/.25    .35/.35	<table border="1"> <tr> <td>Size</td> <td>S</td> <td>M</td> <td>L</td> </tr> <tr> <td>Age</td> <td>0-4 yrs</td> <td>5-8 yrs</td> <td>9-12 yrs</td> </tr> <tr> <td>Width</td> <td>50</td> <td>54</td> <td>59</td> </tr> <tr> <td>Length</td> <td>35</td> <td>40</td> <td>50</td> </tr> </table>	Size	S	M	L	Age	0-4 yrs	5-8 yrs	9-12 yrs	Width	50	54	59	Length	35	40	50	<p>Front, back and sides protection</p>
Size	S	M	L																
Age	0-4 yrs	5-8 yrs	9-12 yrs																
Width	50	54	59																
Length	35	40	50																
Light Plus	.50/.25    .50/.35																		
Supreme Lead-Free	.70/.25    .70/.35																		
<p>Note: Child motif subject to change</p>																			

# Dental Apron /OPG

(MODEL 10)

## PRODUCT OVERVIEW

- ✓ Practical Velcro fastening for ease of fitting and removal

MATERIALS	LEAD EQUIVALENCE	PROTECTION	SIZE OPTIONS
Light Lead	.25mm Pb <small>(Only available for Light)</small>	<p>Front protection</p>	<p>Width: 40cm</p> <p>Length: 70cm</p> <p>Other sizes available on request</p>
Light Plus	.35mm Pb		
Supreme Lead-Free	.5mm Pb		

# Ovarian Shield

(Child)



PRODUCT OVERVIEW	MATERIALS
<ul style="list-style-type: none"> <li>✓ Paediatric Ovarian Shield</li> <li>✓ Set of 4</li> <li>✓ Velcro Belt for attachment</li> <li>✓ Sealed edges for hygiene control</li> </ul>	Light Lead
	Light Plus
	Supreme Lead-Free
SIZE AVAILABLE	LEAD EQUIVALENCE
S    M    L	1mm Pb

# Thyroid Collars



**3**  
YEAR  
GUARANTEE



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Just For YOU

The **AmRay** thyroid collar provides all-round protection to the thyroid area. Available as a single item or can be supplied “clipped on” to the apron.

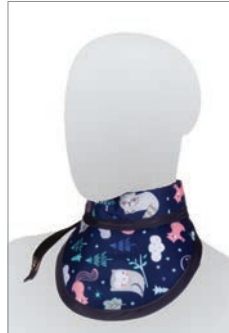
## COLLAR TYPES



Collar A



Collar B - 8cm



Collar B - 12cm



Collar C



Cosy Collar

### PRODUCT OVERVIEW

- ✓ Velcro closure or magnet closure
- ✓ Soft outer material to allow for complete flexibility
- ✓ Antibacterial surface

### AMRAY OPTIONS

- ✓ Choice of design and colours
- ✓ Thyroid Collar C only available in Navy nylon
- ✓ Clipped on



Collar Covers

### MATERIALS

Light Lead

Light Plus

Supreme Lead-Free

### LEAD EQUIVALENCE

.35mm Pb

.5mm Pb

### SIZE OPTIONS

Adult

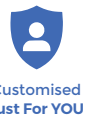
Child

## CLOSURES - MAGNETIC AND VELCRO



# Belts

The wearing of a belt with a lead apron facilitates the transfer of weight from shoulders to hips for greater comfort. The **AmRay** range also includes designs to provide lower back support if required.



## Support Belt

### PRODUCT OVERVIEW

Available on:

- ✓ Skirt (Model 04)
- ✓ Semi-Wrap Apron (Model 01)



## Belt B

### PRODUCT OVERVIEW

- ✓ Improved comfort levels with weight distributed from shoulders to hips
- ✓ Supplied as individual items or attached to lead apron



## Super Belt

### PRODUCT OVERVIEW

- ✓ Infinite adjustment with pull cord for individual fit and maximum comfort

### SIZE OPTIONS

S M L XL



# Arm & Hand Protection

**3**  
YEAR  
GUARANTEE

**Customised  
Just For YOU**

PRODUCT OVERVIEW	MATERIALS	LEAD EQUIVALENCE
<ul style="list-style-type: none"> <li>✓ Complete protection for arm and hand</li> <li>✓ Mobility not compromised</li> </ul>	<ul style="list-style-type: none"> <li>Light Lead</li> <li>Light Plus</li> <li>Supreme Lead-Free</li> </ul>	.5mm Pb



## Epaulette Sleeve

PRODUCT OVERVIEW
<ul style="list-style-type: none"> <li>✓ Supplied stitched on the apron or with easy fit Velcro (needs to be ordered at the same time as the apron)</li> </ul>

## Arm Protector & Hand Protector

PRODUCT OVERVIEW
<ul style="list-style-type: none"> <li>✓ Mobility not compromised</li> <li>✓ Maintains finger dexterity</li> <li>✓ Easy fit Velcro straps</li> </ul>

# Shin & Footwear Protection

PRODUCT OVERVIEW	MATERIALS
<ul style="list-style-type: none"> <li>✓ Complete protection for lower leg and foot</li> <li>✓ Shin and foot protectors available as a set or individual items</li> </ul>	<ul style="list-style-type: none"> <li>Light Lead</li> <li>Light Plus</li> <li>Supreme Lead-Free</li> </ul>



# Lead Caps



PRODUCT OVERVIEW	MATERIALS	LEAD EQUIVALENCE
<ul style="list-style-type: none"> <li>✓ The lead cap offers protection for your head against scatter radiation</li> <li>✓ Size adjustable with elastic closure at the back</li> </ul>	<ul style="list-style-type: none"> <li>Light Lead</li> <li>Light Plus</li> <li>Supreme Lead-Free</li> </ul>	<ul style="list-style-type: none"> <li>.35mm Pb</li> <li>.5mm Pb</li> </ul>

## Mesh Cap



## Elastic Hat



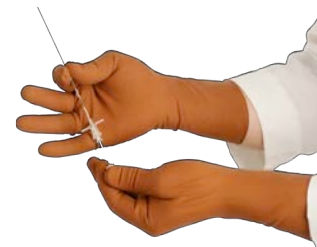
# Lead Gloves

PRODUCT OVERVIEW	SIZE OPTIONS	LEAD EQUIVALENCE
<ul style="list-style-type: none"> <li>✓ One-Piece flexible lead vinyl for easy grip</li> <li>✓ Inner cotton glove supplied for greater operator comfort</li> <li>✓ Blue leather cover</li> </ul>	<ul style="list-style-type: none"> <li>One Size</li> <li>Length: 35cm</li> </ul>	<ul style="list-style-type: none"> <li>.5mm Pb</li> </ul>



# Disposable Lead Gloves

The gloves' thinner texture provides enhanced tactile sensitivity and attenuates up to 50% more direct beam radiation than other leading products. It is powder, latex and lead-free, while the anatomically correct curved fingers reduce hand fatigue.



PRODUCT OVERVIEW	PROTECTION FOR:	SIZE OPTIONS
<p><b>IDEAL FOR HIGH EXPOSURE PROCEDURES</b></p> <ul style="list-style-type: none"> <li>✓ Ablations</li> <li>✓ PTCAs</li> <li>✓ Biliary drainage</li> <li>✓ ICDs</li> <li>✓ Stents</li> <li>✓ TIPS</li> <li>✓ Pacemakers</li> <li>✓ Vascular procedures</li> <li>✓ Lead extractions</li> </ul>	<ul style="list-style-type: none"> <li>• Radiology</li> <li>• Cath/EP Lab</li> <li>• Orthopedics</li> <li>• Endoscopy</li> <li>• Urological procedures</li> <li>• Special procedures</li> <li>• O.R.</li> <li>• Pain management</li> </ul>	<ul style="list-style-type: none"> <li>6 - 9</li> <li>including half sizes</li> </ul>
		THICKNESS
		<ul style="list-style-type: none"> <li>.22mm</li> <li>.30mm</li> </ul>

# Eyewear

The use of quality radiation protection eyewear is essential to protect the human eye, which is a sensitive part of the body and vulnerable to the effects of radiation. AmRay offer a wide range of stylish and practical eyewear, with or without prescription, and with options such as engraving and fog-free coating.

## Max+



Max+ radiation protective glasses offer a stylish wrap-around frame constructed of high-impact TR-90 nylon. It also comes with standard high quality, distortion-free SF-6 Schott glass radiation-reducing lenses. The Model Max+ fits best for small to medium style heads.

## 53 Wrap



Model 53 Wrap radiation protective lead glasses have a contoured wrap frame for a secure fit. Leaded glass lenses and side shields provide optimal radiation protection while the lightweight design and flexible nylon frame ensure style and comfort.

## Flex 63



The ever-popular wrap style incorporating built-in splash side shields for safety. This product offers standard high-quality, distortion-free SF-6 Schott glass radiation-reducing lenses.

## Fitover



Our "Fitover" radiation protective glasses offer a comfortable, lightweight, and durable design that fits over prescription eyewear. The frame is constructed of durable TR-90 nylon and offers .50mm Pb lateral protection. This product offers our standard high-quality, distortion-free SF-6 Schott glass radiation-reducing lenses with .75mm lead equivalency.

## Curves



Our model "Curves" radiation protective glasses offer a stylish wrap-around frame constructed of high impact TR-90 nylon. They feature rubberized soft grip temple bars for a secure fit and have 8 Base wrap around lenses for full protection around the orbit of the eye. The glasses come with our standard high-quality, distortion-free SF-6 Schott glass radiation-reducing lenses with .75mm lead equivalency. The Model "Curves" fits best for medium and large style heads.

Designer range also available.



Juicy Couture

See [www.amraygroup.com](http://www.amraygroup.com) for details.

# Panorama Shield

- ✓ Full panorama face shield of lead impregnated acrylic
- ✓ Fully adjustable facial shield can be positioned at any angle to the face to minimize scatter radiation
- ✓ Protection: 0.1mm lead acrylic



(MODEL 450FPM)

- ✓ Headband size-adjusted with dial control for a snug fit
- ✓ 8 inch high face shield remains in fixed position
- ✓ Weight: 395g



(MODEL 400PSM)

- ✓ Fully adjustable headgear across the crown and round the headband ensures optimum comfort and fit
- ✓ Weight: 350g

# Patient Protection

There has been a significant increase in the use of ionizing radiation in medicine during recent decades, resulting in patients being increasingly exposed. Our comprehensive range of accessories ensures maximum protection and comfort for the patients.



## Triangle



PRODUCT OVERVIEW		MATERIALS
<ul style="list-style-type: none"> <li>✓ Male Gonad Protector</li> </ul>		Light Lead
SIZE AVAILABLE	LEAD EQUIVALENCE	Light Plus
22cm sides	1mm Pb	Supreme Lead-Free

- ✓ Sealed edges for hygiene control

## Gonad Shield



PRODUCT OVERVIEW		MATERIALS
<ul style="list-style-type: none"> <li>✓ Male Gonad Protector</li> <li>✓ Sealed edges for hygiene control</li> </ul>		Light Lead
SIZE AVAILABLE	LEAD EQUIVALENCE	Light Plus
S: 0-9 yrs M: 9-14 yrs L: 14+	1mm Pb	Supreme Lead-Free

## Ovarian Shield (Adult)



PRODUCT OVERVIEW		MATERIALS
<ul style="list-style-type: none"> <li>✓ Female Ovarian Shield</li> <li>✓ Set of 3</li> <li>✓ Velcro Belt for attachment</li> <li>✓ Sealed edges for hygiene control</li> </ul>		Light Lead
SIZE AVAILABLE	LEAD EQUIVALENCE	Light Plus
S M L	1mm Pb	Supreme Lead-Free

Also available in paediatric size.



**3**  
YEAR  
GUARANTEE



## Back Shield



PRODUCT OVERVIEW		CLOSURES
<ul style="list-style-type: none"> <li>✓ Versatile and flexible patient protection</li> </ul>		<ul style="list-style-type: none"> <li>Web belt with Velcro</li> <li>Web belt with buckle</li> <li>Spring vinyl covered belt</li> <li>Wall-mounted hanger available</li> </ul>
SIZE AVAILABLE	MATERIALS	LEAD EQUIVALENCE
Backshield XL: 50x50	Light Lead Light Plus Supreme Lead-Free	0.25mm Pb
Backshield L: 40x40		0.35mm Pb
Backshield M: 30x30		.5mm Pb
Backshield S: 25x25		
Adult Backshield: 60x60		
Other sizes available on request		





## Blanket



### PRODUCT OVERVIEW

- ✓ Versatile and flexible patient protection

### MATERIALS

Light Lead

Light Plus

Supreme Lead-Free

### LEAD EQUIVALENCES

0.25mm Pb

0.35mm Pb

.5mm Pb

### SIZES

Sizes available on request

## Portable Shield

### PRODUCT OVERVIEW

- ✓ The Adjustable Mobile Shield can be set between 91cm and 152 high
- ✓ The nylon covered .50mm Pb shield is easy to maneuver with its sturdy, 26" star-leg base and durable castor wheels





## Apron Storage

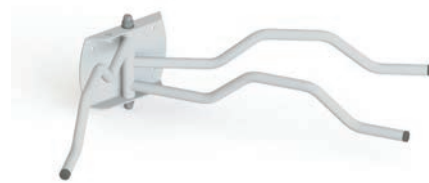
The correct storage of aprons when not in use will make a significant contribution to their durability. **AmRay** offers different types of storage to suit your needs and keep your aprons conveniently stored and in good condition.

### Wall Hangers

When space is a problem, wall-mounted apron hangers are often the solution. Depending on your requirements, **AmRay** offers a choice of 3 or 6 arms. We can offer advice on installing the wall-mounted hanger in the location you require.

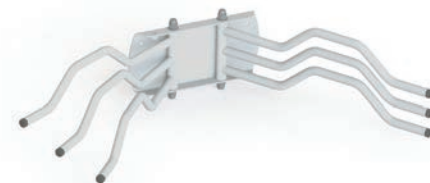
#### Single Hanger (MODEL AMWH3)

PRODUCT OVERVIEW	DIMENSIONS
<ul style="list-style-type: none"> <li>✓ 3 aprons wall hanger</li> <li>✓ Revolving supports</li> <li>✓ Made in powder-coated steel</li> </ul>	<p>Height: 14.6cm Length of arm: 57cm</p>



#### Double Hanger (MODEL AMWH6)

PRODUCT OVERVIEW	DIMENSIONS
<ul style="list-style-type: none"> <li>✓ 6 aprons wall hanger</li> <li>✓ Revolving supports</li> <li>✓ Made in powder-coated steel</li> </ul>	<p>Height: 14.6cm Length of arm: 57cm</p>



## Mobile Hangers

As you have invested in a personal protective apron, it is important that it is maintained properly so that the maximum lifespan is achieved. With the versatility of a mobile hanger, all sets of protective garments can be easily stored in the proper way. All **AmRay** mobile hangers are designed to be easily moved with or without hung garments.



### Mobile Multi-hanger (MODEL AMMH6)

PRODUCT OVERVIEW	DIMENSIONS
<ul style="list-style-type: none"> <li>✓ 6 aprons mobile hanger</li> <li>✓ Revolving supports</li> <li>✓ Lockable castors for ease of movement</li> <li>✓ Made in powder-coated steel</li> </ul>	<p>Height: 144cm Width: 48cm Length of arm: 57cm</p>



### Mobile hanger (MODEL AMMH10)

PRODUCT OVERVIEW	DIMENSIONS
<ul style="list-style-type: none"> <li>✓ 10 aprons mobile hanger</li> <li>✓ Revolving supports</li> <li>✓ Lockable castors for ease of movement</li> <li>✓ Made in powder-coated steel</li> </ul>	<p>Height: 132cm Width: 81cm Length: 58cm</p>



### Mobile Double-hanger (MODEL AMMH1010)

PRODUCT OVERVIEW	DIMENSIONS
<ul style="list-style-type: none"> <li>✓ 10 aprons mobile hanger</li> <li>✓ Revolving supports</li> <li>✓ Lockable castors for ease of movement</li> <li>✓ Made in powder-coated steel</li> </ul>	<p>Height: 135cm Width: 99.6cm Depth: 64.5cm Arm length: 50cm</p>



### Mobile Multi-hanger (MODEL AMMH55)

PRODUCT OVERVIEW	DIMENSIONS
<ul style="list-style-type: none"> <li>✓ Stores up to 5 lead aprons, which can be a combination of two-piece aprons, like vest and skirt, or one-piece aprons.</li> <li>✓ Lockable castors for ease of movement</li> <li>✓ Made in powder-coated steel</li> </ul>	<p>Height: 135cm Width: 52.3cm Depth: 64.5cm Arm length: 50cm</p>

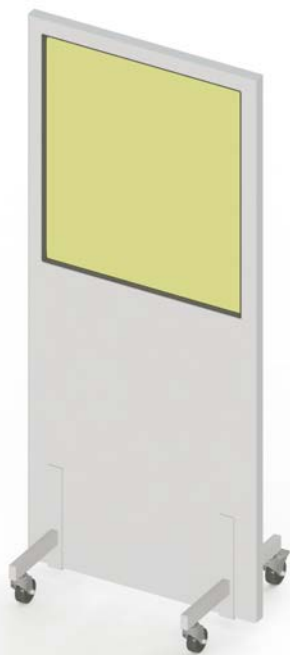
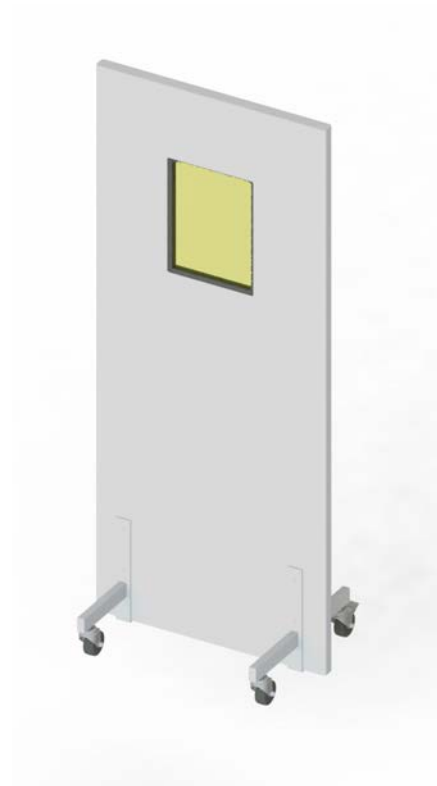
# Mobile Protective Screens

Mobile Protective Screens are used to provide optimum protection to medical personnel during procedures. As they are used within various healthcare departments the requirements for a cleanable surface is of the upmost importance. All **AmRay** Protective Screens are constructed and finished with a encapsulated, antibacterial surface which is both durable and cleanable.

## AMS3040

### PRODUCT OVERVIEW

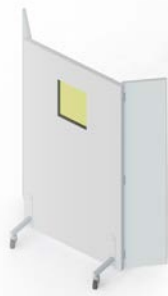
- ✓ Multipurpose mobile screen
- ✓ Completely seamless hygienic, easily cleanable PVC finish
- ✓ Easy move castors with brake
- ✓ 2mm lead core supplied as standard (alternative thickness available)
- ✓ Unique Flush Vision panel design with 2mm Pb lead equivalence
- ✓ Standard size 83cmx190cm (WxH)
- ✓ Standard glass size 30x40cm
- ✓ Other sizes available on request



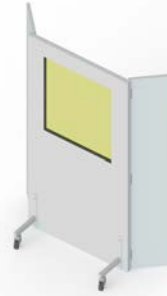
## AMS6868

### PRODUCT OVERVIEW

- ✓ Multipurpose mobile screen
- ✓ Completely seamless hygienic, easily cleanable PVC finish
- ✓ Easy move castors with brake
- ✓ 2mm lead core supplied as standard (alternative thickness available)
- ✓ Unique Flush Vision panel design with 2mmPb lead equivalence
- ✓ Standard size 83cmx190cm (WxH)
- ✓ Standard glass size 68x68cm
- ✓ Other sizes available on request



**AMS3040SP**



**AMS6868SP**

**PRODUCT OVERVIEW**

- ✓ Multipurpose mobile 3 wing screen
- ✓ Completely seamless hygienic, easily cleanable PVC finish
- ✓ Easy move castors with brake
- ✓ 2mm lead core supplied as standard (alternative thickness available)
- ✓ Unique Flush Vision panel design with 2mm Pb lead equivalence
- ✓ Standard size 145cmx190cm (33+83+33)
- ✓ Standard glass size 30x40cm. Also available with window size 68x68 (AMS6868SP)
- ✓ Other sizes available on request

**AMS450**

**PRODUCT OVERVIEW**

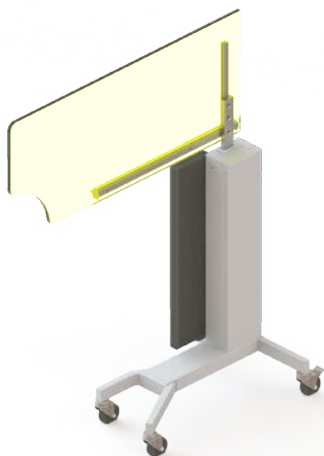
- ✓ Height adjustable viewing screen from 115mm to 190mm
- ✓ Lead acrylic upper screen (0.5mm Pb lead eq.) provides a wide viewing area
- ✓ Laminated lower screen with 1mm Pb lead core as standard (alternative lead thickness available)
- ✓ Easy move castors with brakes
- ✓ Optional accessory rail
- ✓ Overall dimensions 76cmx190cm (fully extended)



**AMS460**

**PRODUCT OVERVIEW**

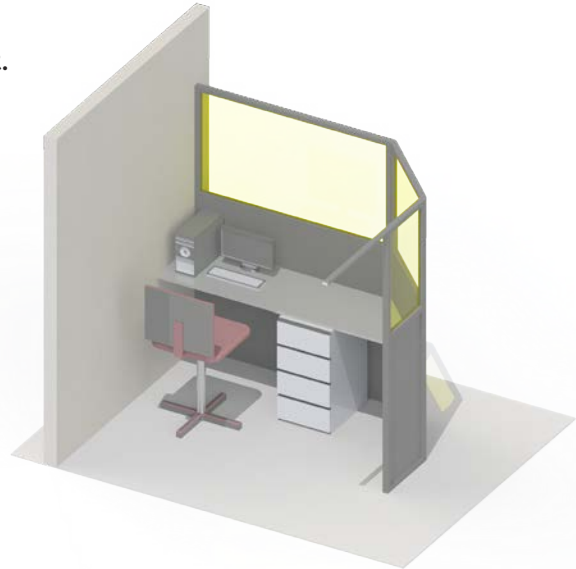
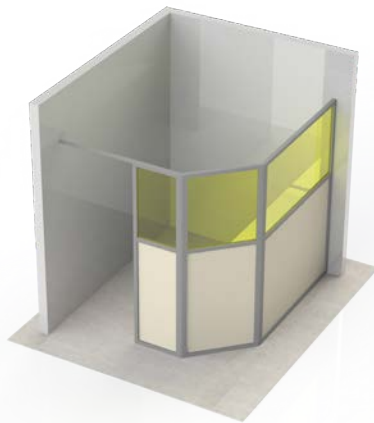
- ✓ Height adjustable viewing screen with corner cut-out to extend over patient
- ✓ Screen height adjustable from 145cm to 188cm
- ✓ Sliding adjustable lower screen to maximize protection at table side
- ✓ 0.5mm protection to upper and lower sections as standard
- ✓ Easy move castors with brake
- ✓ Ideal where overhead suspension is not available



## X-Ray Protective Control Booth

An essential unit within a X-Ray suite. With a properly designed screen the radiographer can easily control the X-Ray machine while continuously observing the patient.

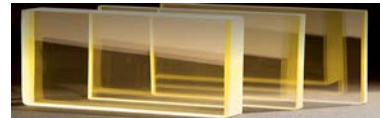
Each **AmRay** control booth is uniquely designed for the space it is to be fitted in. A 3D design is provided prior to the unit going into production so the ease of workflow can be considered.



## X-Ray Protective Glass

AmRay Glass provides high-quality, transparent and safe protective shielding against X-ray radiation for medical, technical, and research applications.

Its high lead and barium content, and wide thickness range, provides optimum shielding against radiation from equipment operating in the 80 to 300 kV range and optional 511 to 1250 kV for use within PET.



## Curtains & Drapes

Block the radiation but not your accessibility. These lead vinyl curtains are useful in fluoroscopy suites, emergency rooms, hospitals, industrial radiography locations, and anywhere low-level or secondary radiation is present.

Crafted from lead vinyl, you can select from either doorway curtains or room divider curtains, depending on your specific needs.

# Hyposcopic Apron

The table protection screens reduce operator exposure to radiation emissions from below the table and are supplied with a removable upper screen to protect against scatter radiation from the patient's body. Made from a plastic coated lead rubber, the screen is a flexible solution to operator protection.



## PRODUCT OVERVIEW

- ✓ Flexible lower screen of plastic coated lead rubber - 0.5mm Pb
- ✓ Mounted on easy remove arm
- ✓ Additional rubber strips can be added to suit alternative size requirements
- ✓ Removable upper screen to protect against scatter radiation from the patient's body
- ✓ Dimensions: Lower screen: 63x75cm (WxH)  
Upper screen: 63x22.5cm(WxH)



## Table Cover 1

Basic lower body shield style. This versatile design fits any operating tables including those smaller and narrow sizes.

### PRODUCT OVERVIEW

- ✓ Velcro closure system
- ✓ Protective section height/ length (lead panels all together as full protection shield): 72 cm
- ✓ Full protective shield dimensions: 65cm x 72cm
- ✓ Standard protection level supplied: .5mm Pb
- ✓ Lead panel overlapping: 2.5cm
- ✓ Individual panel width: 15cm
- ✓ Main section: 45cmx65cm (other dimensions available on request)
- ✓ Total weight: about 5 kg each - for both of the 2 separate sections
- ✓ Only available in LIGHT lead



## Table Cover 2

### PRODUCT OVERVIEW

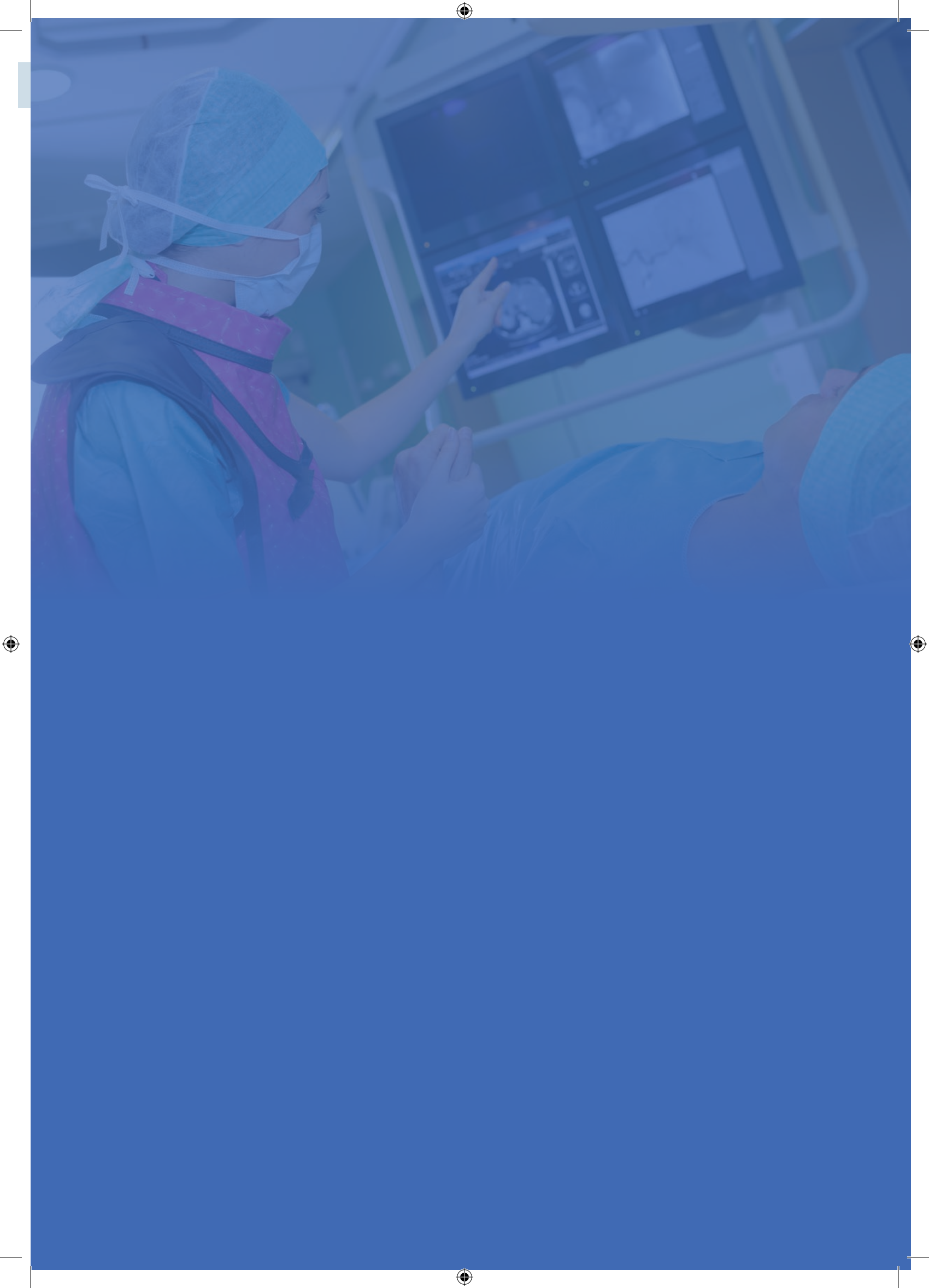
- ✓ Operating table bottom positioning
- ✓ Easy positioning in between the protective lateral side shields with Velcro attachments
- ✓ Only available in LIGHT lead
- ✓ Standard protection level supplied: .5mm Pb
- ✓ Protection shield section dimensions: 52.5x72 cm
- ✓ Panel overlapping: 2.5cm
- ✓ Individual panel width: 15cm
- ✓ Panel height: 72cm
- ✓ Velcro on both sides of the main/ holding section
- ✓ Main/ holding section: 52.5cmx45cm
- ✓ Total weight: about 3 kg roughly













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