



Grids and Detector Accessories

Imaging Solutions offers a full range of Grids and Detector Accessories to enhance X-ray imaging system performance. Our high-quality products include various grid types and sizes, as well as detector accessories such as protective covers, mounts, and stands. We are committed to providing safe and reliable products that deliver superior image quality while minimizing radiation exposure.

your single source supplier™



your single source supplier™

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Reina Imaging

About

Reina Imaging, a pioneer in radiographic accessories, was established in 1978 by Leo Reina in the quiet town of Woodstock, Illinois. Originally focused on X-ray cassette repair, the company has grown into a global leader in medical imaging solutions, recognized for its innovation and dedication to craftsmanship.

Reina Imaging is known for producing high-quality, durable grid encasements, and other radiographic accessories that meet the rigorous standards of the medical industry. Each product is meticulously handcrafted in the United States, reflecting the company's unwavering commitment to excellence. Over the years, Reina Imaging has maintained a deep-rooted tradition of personalized service, treating each client as a partner in the pursuit of improved healthcare solutions.

The company's success is built on its adherence to core values: precision, reliability, and customer-centricity. Reina Imaging's team of skilled artisans and engineers work collaboratively to design and manufacture products that not only meet but exceed industry standards. Their products are ISO 13485 certified, ensuring that they adhere to the highest levels of quality and safety. This dedication to quality has made Reina Imaging a trusted name among healthcare professionals worldwide.

Despite its global reach, Reina Imaging remains true to its roots as a family-owned business. This allows the company to offer a level of personalized service that is rare in today's corporate world. Clients can expect tailored solutions and attentive support, hallmarks of the Reina Imaging experience.

In addition to grid encasements, Reina Imaging offers a wide range of products, including cassette trays, DR retrofit kits, and custom radiographic accessories. Their innovation is driven by close collaboration with healthcare professionals, ensuring that their products are both practical and cutting-edge.

As Reina Imaging continues to grow and evolve, it remains committed to its founding principles. The company's focus on quality, service, and innovation positions it as a leader in the medical imaging industry, dedicated to enhancing the precision and safety of radiographic procedures worldwide.



Anti-Scatter Grids

Anti-scatter (x-ray) grids play a critical role in the radiographic imaging chain. The primary function of anti-scatter grids is to absorb scatter radiation emitted by body tissues before reaching the film / IP plate in order to increase image contrast and detail.

- Aluminium or Fiber Interspace Grids Available.
- Containing only the purest lead to ensure superior efficiency in removing scattered radiation.
- Superior quality images are achieved through the use of aluminum or fibre inter-spacers and lead strips, precisely milled to uniformity.
- Strips are sealed between smooth aluminum covers and finished with enamel, providing complete resistance to heat and moisture and guaranteeing years of trouble free service.



Grids improve the transmission rate which reduces the bucky factor, this ultimately reduces patient exposure.

Grid Configurations

Size	Ratio	Line Density	Focal Distance	Line Orientation
8x10 in 24x30 cm	6:1	40 lpcm (103 lpi)	100 cm / 34-44 in	Short Dimension (Landscape)
10x12 in		52 lpcm (132 lpi)	130 cm / 40-72 in	
11x14 in	8:1	80 lpcm (200 lpi)	140 cm / 40-72 in	Long Dimension (Portrait)
14x17 in	10:1	85 lpcm (215 lpi)	150 cm / 40-72 in	
17 ^{1/4} x 18 ^{7/8} in		90 lpcm (230 lpi)	Parallel / Infinity	
18x18 in				

Full length sizes available including 14x34, 14x36, 14x37, 14x42, 14x50, 14x51, 14x52 inches.

Not all combinations are compatible, please enquire with your requirements.

Understanding Grid Ratios and Focal Distances in Anti-Scatter Grids

Anti-scatter grids play a crucial role in enhancing image contrast by reducing scatter radiation. The grid ratio, defined as the height of the lead strips to the distance between them, significantly influences this capability.

The focal distance, or grid focus, is the distance from the grid at which the X-ray beam is focused. Proper alignment of the X-ray beam with the grid ensures optimal image quality by minimizing grid cut-off.

Ideal for operational research and traumatology, parallel grids are designed for situations where exact centering is not feasible. These grids have vertical and parallel lead strips that generally run along the grid's long dimension. To achieve clear radiographs, the focal distance for parallel grids should be between 150 cm and infinity, accommodating the divergence of the X-ray beam since the absorbing strips are not perfectly parallel to it.

Higher Grid Ratios

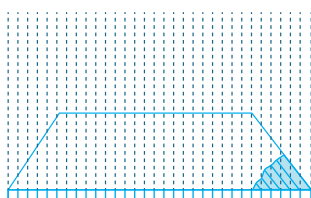
- Enhanced Scatter Reduction: High grid ratios (e.g., 10:1, 12:1) offer superior scatter absorption due to taller lead strips.
- Precise Alignment Required: These grids have a narrower focal range, demanding precise alignment to avoid significant grid cut-off and image degradation.

Lower Grid Ratios

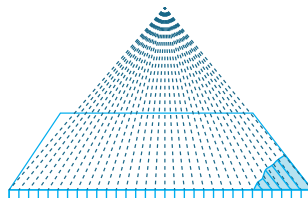
- Moderate Scatter Reduction: Lower grid ratios (e.g., 6:1, 8:1) provide less scatter absorption with shorter lead strips.
- Greater Flexibility: They feature a wider focal range, allowing for more flexibility in positioning with less risk of grid cut-off.

Optimal Use

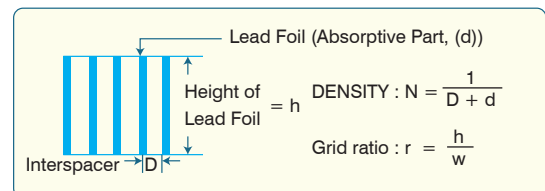
To maximize the performance of anti-scatter grids, it is essential to match the focal distance with the grid's design specifications. This alignment ensures X-rays pass through the grid's interspaces effectively, reducing scatter without compromising image quality.



Linear Parallel



Linear Focused



Protect-A-Grid

Reina Imaging's Protect-A-Grid® series is designed to provide robust protection and ease of use for radiographic grids and DR panels across various imaging environments. Whether you're handling delicate procedures or high-volume exams, the Protect-A-Grid® encasements ensure your equipment remains safe, secure, and effective. With multiple ergonomic designs, these encasements reduce handling risks while enhancing patient comfort and image quality.

The Protect-A-Grid® range offers tailored solutions that fit your workflow, from single and dual-handle models to ultra-slim profiles for restrictive spaces. Manufactured from durable materials such as HDPE and Lexan, these encasements combine lightweight construction with superior shock absorption and infection control. Choose the Protect-A-Grid® model that best suits your needs and experience reliable protection that maximizes both radiographer efficiency and patient safety.

All configurations available in long and short line orientations.

Features

- **Durable Construction:** Made from resilient, shock-absorbent HDPE (High-Density Polyethylene) for maximum protection.
- **Ergonomic Handles:** Available in single, dual, or tri-handle configurations to reduce fatigue and provide a secure grip.
- **Twin-Lock™ System:** Bidirectional locking mechanism secures the DR panel quickly and effectively.
- **Curved Corners and Radius Edges:** Prevent catching on bed sheets and improve patient safety.
- **Non-Porous Surface:** Smooth, easy-to-clean surfaces for superior infection control.
- **Universal Fit:** Designed to accommodate any ANSI standard cassette size detector.
- **Lightweight and Compact:** Easy to handle and store, fitting seamlessly into various clinical environments.
- **Grid Protection:** Ensures both the grid and DR panel are protected from incidental damage during exams.



Configuration	Long Edge
Sizes	10x12in 14x17in 17x17in 24x30cm



Configuration	Short Edge
Sizes	11x14in 14x17in



Configuration	Dual Handle
Sizes	10x12in 14x17in



Configuration	Tri Handle
Sizes	14x17in



Configuration	Snap-On
Sizes	14x17in



Configuration	Snap-On + Ruler
Sizes	14x17in



Configuration	Flat
Sizes	8x10in 10x12in 24x30in 14x17in



Configuration	Drop-On
Sizes	8x10in 10x12in 24x30in 14x17in



Heavy Duty Protect-A-Grid

Reina Imaging's Heavy Duty Protect-A-Grid® DRP encasement series is engineered for the most demanding environments, providing unmatched protection for your DR panels and grids. Designed to withstand the toughest conditions, the HD line is ideal for teaching hospitals, high-volume facilities, and applications involving bariatric patients. Each encasement in this series features a durable, heavy-duty construction combined with ergonomic design elements, ensuring both equipment safety and user comfort.

The HD Protect-A-Grid® DRP encasements are crafted from resilient HDPE with shock-absorbent properties, radius edges for extra drop protection, and a smooth, non-porous surface that simplifies cleaning and infection control. The Twin-Lock™ dual locking system secures your DR panel within the encasement, providing peace of mind during free exposure exams. Choose from models with single, dual, or tri-handle configurations to meet the specific needs of your facility.



Configuration Single Handle

Sizes 14x17in



Configuration Dual Handle

Sizes 14x17in



Configuration Tri Handle

Sizes 14x17in



Protect-A-Grid 2

The Protect-A-Grid® 2 range brings advanced protection to your digital radiography (DR) panels and grids with an emphasis on lightweight design and cost-effective solutions. Crafted from durable aluminium, these encasements ensure that your DR panels and anti-scatter grids are shielded from incidental damage during examinations, allowing for clear, high-quality imaging. Whether you require the familiar drop-on style or a specialized flat design, the Protect-A-Grid® 2 series offers the same robust protection with enhanced ease of use.

Engineered for efficiency, the Protect-A-Grid® 2 range integrates user-friendly features such as curved corners for patient safety, smooth non-porous surfaces for superior infection control, and simplified application methods that make installation and removal effortless. These encasements are versatile enough to fit most ANSI standard cassette size detectors and can be used in various clinical settings, from traditional radiography to specialized environments like operating rooms.

Features

- **Lightweight Construction:** Primarily made from aluminium, providing a durable yet lightweight solution.
- **User-Friendly Design:** Easy snap-on or slide-on application without the need for locks.
- **Curved Corners:** Enhances patient safety and prevents **snagging on bed sheets or clothing.**
- **Non-Porous Surface:** Smooth, easy-to-clean surfaces for superior infection control.
- **Universal Fit:** Compatible with any ANSI standard cassette size detector.
- **Cost-Effective:** Offers great protection at a lower cost compared to other models.
- **Versatile Application:** Suitable for use in a variety of clinical environments, including restrictive spaces and old wall buckys.



Configuration	Drop-On
Sizes	8x10in 10x12in 24x30cm 14x17in 13x34in 14x50in 14x51in



Configuration	Drop-On With Channels
Sizes	8x10in 10x12in 24x30cm 14x17in



Configuration	Flat Encasement
Sizes	10x12in 24x30cm 14x17in 13x34in 14x50in 14x51in



CarbonCase™

The CarbonCase™ Grid Encasement features three unique tube side support specifications, the **CarbonMax**, **CarbonLite** and the **PolyCarbon**. Available in a variety of sizes, including 24x30cm, 10x12in, 14x17in and 17x17in with a handle on the long axis. Like all Reina Imaging detector holders, the CarbonCase product line provides superior protection for both your DR panel and the grid resulting in the lowest lifetime cost of ownership available today. All grid encasements must be ordered with a grid. Please add the appropriate grid to your quote or contact us for assistance.

Ultra-Durable CarbonCase™ Grid Encasements

The **CarbonCase™** family of accessories share similar attributes and features three unique tube side support specifications for grid encasements and mobile DR panel holders. The **CarbonMax** features an industry-leading 2.5mm carbon fiber tube side support that boasts a strength-to-weight ratio that make it the pound-for-pound world champion in detector protection. The **CarbonLite** showcases a performance-blended top plate including .5mm carbon fiber with a polycarbonate backing, yielding an affordable choice with remarkable protection. The **PolyCarbon** provides a rugged, extremely durable polycarbonate top plate while offering the most affordable price in the market today.

Features

- Single handle on long or short axis to help carry and position the image receptor
- Virtually indestructible, shock absorbent, glassfilled polypropylene frame
- Curved corners and radiused edges don't catch on bed sheets or clothes for easy placement
- Smooth, non-porous surfaces for effective cleaning and superior infection control
- Simple Twin-Lock™ dual locking design for easy panel application and removal
- Shock absorbent corner bumpers and inserts for additional drop protection and perfect fit
- Three configurations of tube side protection to meet your needs and budget
- Fits all ANSI sized wireless DR panels and most tethered DR panels

Size	Styles	Line Orientation
8x10 in 24x30 cm 10x12 in 11x14 in 14x17 in 17 ¹ / ₄ x 18 ⁷ / ₈ in 18x18 in	CarbonMax CarbonLite PolyCarbon	Short Dimension (Landscape) Long Dimension (Portrait)



Simple Twin-Lock™



Tube Side



Rear Side



Curved Corners and
Radiused Edges



Shock Absorbent
Corner Bumpers

Mobile DR Panel Holders

One piece uniframe construction adds durability

The Mobile DR Panel Holder range offers advanced protective cases for Digital Radiography (DR) panels, designed for mobile imaging professionals. These durable, easy-to-use cases provide superior protection with single, dual, or tri-handle options, all crafted for ergonomic comfort and easy maintenance in clinical settings.

Each holder is made from high-density polyethylene (HDPE) for durability and shock resistance, with a smooth surface for enhanced infection control. The bidirectional Twin-Lock™ system ensures panels stay secure during use. Available in various sizes and configurations, these holders provide reliable protection for all mobile imaging needs.

Features

- **Ergonomic Design:** Single, dual, and tri-handle options for a secure grip and reduced user fatigue
- **Precision Fitment:** Compatible with ANSI standard cassette sizes and wireless 14x17in. detectors
- **Durable Construction:** Milled from a single piece of shock-absorbent HDPE for superior drop protection
- **Bidirectional Twin-Lock™:** Ensures panels remain secure and prevents accidental release
- **Easy Maintenance:** Smooth, non-porous surface for effective cleaning and infection control
- **Enhanced Safety:** Curved corners and radius edges to prevent snagging on bedsheets and ensure easy placement in mobile imaging environments
- **Additional Protection:** Air-Ride corners and shock-absorbent handles for added drop protection



Configuration	Long Edge
Sizes	10x12in 14x17in 17x17in 24x30cm



Configuration	Long Edge
Sizes	14x17in



Configuration	Short and Long Edge
Sizes	14x17in



Configuration	Long Edge - Fully Enclosed
Sizes	10x12in 14x17in 17x17in



Configuration	Short Edge
Sizes	14x17in 11x14in

Heavy Duty Mobile DR Panel Holders

The Heavy Duty Mobile DR Panel Holder range is built for demanding clinical environments, providing enhanced protection and durability for flat panel detectors. Ideal for high-volume facilities, teaching hospitals, or bariatric care, these heavy-duty holders offer the rigidity and security needed in challenging conditions.

Each holder is made from high-tensile, shock-absorbent HDPE to protect panels from drops and impacts. Configurable ergonomic handles ensure comfortable positioning during difficult procedures. The reliable Twin-Lock™ dual locking system and smooth, non-porous surfaces also enhance infection control and ease of use.



Configuration	Single Handle Heavy Duty
Sizes	14x17in



Configuration	Dual Handle Heavy Duty
Sizes	14x17in



Configuration	Tri Handle Heavy Duty
Sizes	14x17in



Twin-Lock™ Standard On All Mobile DR Panel Holders

The Twin-Lock™ Dual Locking design gives you peace of mind, stability and security – ensuring your detector is locked in place no matter how your Mobile DR Panel is positioned.

CarbonCase™ Mobile DR Panel Holders

The CarbonCase™ Mobile DR Panel Holder range sets a new standard for protection, durability, and versatility in mobile imaging environments. Designed with three unique tube side support specifications—**CarbonMax**, **CarbonLite**, and **PolyCarbon**—this range caters to a variety of clinical needs and

budgets while ensuring superior protection for your valuable DR panels and grids. Each CarbonCase™ holder is built with a virtually indestructible, shock-absorbent glass-filled polypropylene frame, providing unmatched protection and longevity.



Configuration	Single Handle Long Edge
Sizes	10x12in 24x30cm 14x17in 17x17in



Configuration	Single Handle Short Edge
Sizes	10x12in 24x30cm 14x17in

Holders / Pockets



Wall Mounted Grid Pocket

The Wall Mounted Panel Pocket can protect both your imaging receptor, PAG encasement and holder. With its foam and scratch-resistant lining, the holder is easily mounted to the wall in or near your exam room. It features two separate compartments, each slot can accommodate any size 20x20x1 inches and smaller.

- Foam and scratch free lining
- Two slots with a removable divider
- Easy to mount
- Each slot measures 20x20x1in



Tabletop DR Panel Holder

The Tabletop DR Panel Holder allows the radiographer to position the image receptor with ease and precision and can be easily angled caudal or cephalic depending on the examination.

Cross table exams can be a challenge. Expensive heavier DR panels increase the chance of detector drops and misalignment.

- Rotates 360 degrees for easy angling
- Size adjustable
- Vertical travel
- Ideal for table top cross table exams



Portable Grid Pocket

The Portable Grid Pocket is an easy application storage compartment specifically designed to hold the grid before and after portable radiographic exams. On-site installation onto your existing portable x-ray unit is a breeze as no drilling is required.

With the advent of heavy oversized mobile DR panels and matching grid encasements - keeping them in a safe, secure location during storage and in-transit can be challenging. The risk of possible damage is too great without proper storage.

- Extra storage space
- Easy on-site application
- Accommodates all makes and models Protect-A-Grid encasements
- User friendly



Bucky Insert

The Bucky Insert is an adaptor that updates the cassette tray for wall and table bucky's without the need for an FSE at a very low cost. The insert's outside dimensions match the dimensions of the existing antiquated DR panel, while the internal dimensions fit an ANSI standard wireless 14x17in detector. Not only does this insert save time and money, but it doubles as a protective case for your expensive and fragile DR panel.

- Converts existing oversized custom Bucky Trays to work with any cassette sized wireless panel
- Lightweight design with a handle and Twin-Lock provides superior panel protection
- Can be used in both the table and upright wall stand
- Can have customized cutouts for battery, LEDs and power button

Mobile DR Panel Positioning Partner

The **Mobile DR Panel Positioning Partner** is a multipurpose holder that allows spine exams to be performed in the most difficult imaging environments. This feature-laden, robust mobile holder is effectively weighted, providing an extremely low center of gravity to assure stability and avoid causing harm to patient and operator or damaging equipment due to tipping. Its compact footprint makes it simple to drape and keep sterile when used in surgery and easy to store when not in use. The **Positioning Partner** is available in multiple configurations to hold a variety of detectors.

- Effortless positioning
- Supine, landscape, upright imaging
- Easy to drape and store
- 4 locking swivel casters
- Weighted base
- Fully mechanical
- Telescoping vertical arm
- Vertical lift-assist
- CR or DR specific



Weight Distribution Caps

Weight Distribution Cap

The Weight Distribution Cap is designed to support up to morbidly obese patients during standing feet exams. Direct patient weight can damage your expensive and fragile DR panel. With its reinforced design, slip-resistant feet, and cutouts for any tether, the Weight Distribution Cap can withstand up to 750lb. without causing damage to the tube side of the imaging receptor. Available in a variety of sizes, in a clear or opaque top, and with or without a carrying handle, the Weight Distribution Cap offers superior panel protection at an affordable price.

Features

- Lightweight (7 lb.)
- Small footprint
- Slip-resistant
- Cutout for tether
- Durable
- Rated up to 750 lb.
- Available with clear or opaque top

Technical Data

- 50.8 x 43.18 x 5.7 cm
- 340 kg (750 lb.)



Clear Top



Opaque Top



Footstools



Clear Footstools

The Clear Footstool is available in both single and two step configurations, raising the patient to 23cm (9in) and 40cm (16in) respectively above floor-level so the x-ray system can effectively deliver proper AP and lateral images. It features dual patient support handles, easy to clean surfaces, and tip-back casters for effortless placement and storage. Features a slot underneath the top platform for AP images and two additional slots for positioning the image receptor during lateral exams.

- Ideal for lateral and AP weight bearing exams
- 3 separate slot positions for image receptor
- Safety handles for patient support
- Durable, non-slip surfaces
- One step 23cm (9in) or Two step 40cm (16in) high platform
- Slot for a 17x17in. cassette size imaging receptor or smaller
- Tilt-back casters for easy mobility
- Holds 225kg (500lbs)



Low Base Imaging Footstool

The Low Base Imaging Footstool conveniently positions patients for lateral views of the foot and ankle. With a platform only standing 9in. high - the product is low to the ground and lightweight, and unstable patients will have limited issues with the convenient handrail. Split images quickly and easily by flipping the orientation of the 17x17in. image receptor and smaller.

- Lightweight
- Handrail
- Slip resistant base
- Holds 225kg (500lbs)
- Accommodates 17x17in. Image receptors and smaller
- Low to ground

Two Step Footstool

The Two Step Footstool raises the patient 40cm (16in) above floor-level so any x-ray system can effectively accomplish weight-bearing lateral feet exams. It features dual patient support handles, easy-to-clean surfaces, and tip-back castors for effortless placement and storage.

- Ideal for lateral and AP weight bearing exams
- 3 separate slot positions for image receptor
- Safety handles for patient support
- Durable, non-slip surfaces
- 40cm (16in) high platform
- Slot for a 17x17in. cassette size imaging receptor or smaller
- Tilt-back casters for easy mobility
- Holds 225kg (500lbs)
- Additional handle configurations available



U-Arm Footstool

The U-Arm Footstool allows for standing feet x-rays without applying any patient weight to the imaging receptor. The U-Arm Footstool features handrails for stability, a single-step platform with a clear top for easy positioning, and allows for standing feet x-rays without applying any patient weight to the imaging receptor.

- Holds 225kg (500lbs)
- Standing feet exams with most U-Arms
- Handrails for patient support
- Single step platform
- Lightweight



Clear Top Mobile Table

The Clear Top Table is a mobile radiographic table that pairs perfectly with our line of Positioning Partners and an OTC or floor mounted tube stand. It features four 360 degree swivel locking casters, heavy duty steel frame and a radiolucent scratch resistant polycarbonate top.

- Clear polycarbonate top with scratch-resistant overlamine film
- 4 durable swivel casters with foot locks
- All steel structure and welded base provides maximum strength and reliability
- 500 lb. (227kg) patient weight limit



DR Stitching



Two-Stroke Positioning Partner

The Two-Stroke Mobile DR Panel Positioning Partner is a multipurpose holder that allows spine exams to be performed in the most difficult imaging environments. Two-tiered vertical travel with lift assist allows for perfect “zero-gravity” precise positioning under the surgical table, and effortless intra-operative/post-operative imaging with a single 14x17 DR panel. The Two-Stroke fits the Jackson Table clear span in the OR. Locking casters prevent unwanted movement. The compact footprint of Reina’s Two-Stroke Mobile DR Panel Positioning Partner makes it simple to drape and keep sterile in surgery, and easy to store.

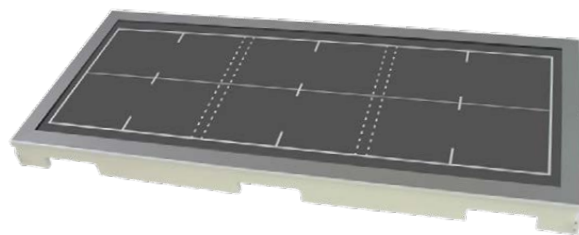
- Effortless positioning
- Supine imaging
- Landscape imaging
- Small footprint
- Easy to drape and store
- Locking casters
- Weighted base
- Sturdy construction
- Easy to adjust
- Vertical lift-assist
- Cassette compatible
- CR or DR specific



Stitching Platform With Handles

The Stitching Platform with Handles is a critical tool for long leg and spine imaging, as it keeps the patient immobile during multiple and single exposures, reduces motion and raises the patient up.

- Immobilizes patient
- Casters to easily position and store
- Slip resistant base for patient safety
- Rated up to 500lb. of patient weight
- Optional removable Easy Reader radiopaque ruler



Long Format Weight Distribution Cap

The Long Format Weight Distribution Cap supports patients during supine exams of the spine. Its reinforced design, slip resistant feet and cutouts for any tether delivers superior protection for your expensive and fragile DR panel beneath direct patient weight.

- Rated up to 500lb of distributed patient weight
- Available in clear top
- Slip resistant feet
- Cutouts for tether
- Available for a variety of long format detectors



Floor Mounted Columns

The Floor Mounted Column can work with a wide array of detector sizes and setups. It features dual hand locks with easy to use zero gravity counterbalancing. This is an ideal solution for dedicated upright room exams in both portrait or landscape orientations.

- Zero gravity counterbalancing for vertical travel
- Detector can be rotated 90 degrees for portrait and landscape imaging
- Ergonomic hand locks on both sides of detector
- Secure floor mounting
- Can be used with or without an antiscatter grid
- Floor mounted

Trans-Former® Grid Cabinets

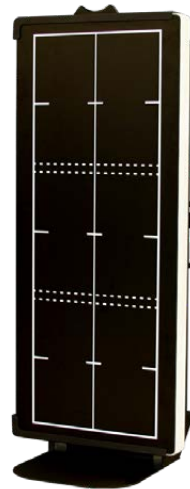
Imaging the full spine or hips to ankles can be a challenge. There are a number of issues that one has to consider such as process of care, patient safety, efficiencies and outcomes. Whether you use a single shot long detector or multiple exposures with a 14x17 detector, we have a solution to help stitch your DR images effectively each and every time.

Mobile and Wall-Mounted DR Trans-Former Grid Cabinets

Available in multiple configurations, the **Mobile or Wall Mounted Trans-Former DR Panel Grid Cabinets** simple yet reliable product line allows for a single 14x17 detector to accomplish full spine or hips to ankles images. With no electric needed, this perfectly weighted zero gravity counter balance system allows for effortless vertical travel. Available in both a wall mounted and mobile configuration this solution is turnkey ready to go out of the box. Just uncrate it and go. Built for precise fitment of your 14x17 or 17x17 detector. Must be ordered with a Removable Grid Encasement and grid.

Features

- Designed for precise DR panel fitment
- Stable base improves patient safety
- Milled detector slots with built in overlap to ensure proper image combination
- Counterbalanced vertical travel provides “zero-gravity” feel
- Casters offer quick clinical turnaround and portability
- Pre-installed anti-scatter grid performance matched to your DR detector
- Precision mechanical design requires no electricity
- Available with 14x17, 14x34 and 14x50in. grid cabinets



Overlap Trans-Former®

Available with a single detector, two detectors, or 3 detectors with built-in overlap.

Long Format Trans-Former®

This holder is built for precise fitment of your long format detector and an encased removable anti-scatter grid.

RADslide™ Cassette Positioning Aids

Cassette Positioning Has Never Been Easier!

Make life easier with the most effective aid for positioning and removing cassettes and detectors from under a supine patient

The RadSlide Positioning Aid is a purpose-built cover for cassettes and detectors that allows radiographers to effortlessly slide the detector under the patient for chest and pelvic examinations.

With a sturdy contoured leading point, the RadSlide has evolved over the years into the perfect device for quickly and easily performing countless chest and pelvic examinations, time and time again.

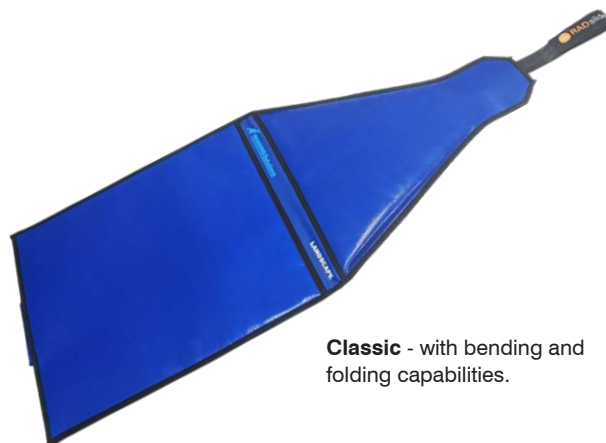
Handles on the trailing end (Max version only) are for the sole purpose of rotating and preventing skewing of the image making the examination more reliable than conventional methods.

Features

- Available in two popular designs: Max and Classic.
- The non-stick outer material, with a carbon layer, is the most slippery product available on the market. This ensures the RadSlide Positioning Aid performs its primary function most effectively. It also makes cleaning the product a breeze.
- The black carbon layer reduces the static friction associated with pulling the RadSlide between the patients bed sheets.
- The outer is internally reinforced with a strong adhesive that ensures durability. Internal reinforcement means the outer surface is not compromised by PVC reinforcement that grips when exposed to fluids, i.e. sweat.
- The combination of inner and outer enables the outer to be replaced individually reducing the long term cost of the RadSlide Cassette Positioning Aid considerably.
- A oversised grid can be locked between the inner and the outer.
- The inner and outer can be separated in the case of fluid immersion to enable easier cleaning.
- Handles at both the leading point and the opening of the RadSlide Positioning Aid enable easier repositioning and extraction.
- Produced with a unique joining process for easy cleaning and infection control.



Max - with smooth construction and easy patient gliding.



Classic - with bending and folding capabilities.

Product Codes

RadSlide - Classic, DR Landscape	RAD-SLC-DR-L
RadSlide - Classic, DR Portrait	RAD-SLC-DR-P
RadSlide - Classic, CR Landscape	RAD-SLC-CR-L
RadSlide - Classic, CR Portrait	RAD-SLC-CR-P
RadSlide - Max, DR Landscape	RAD-SLM-DR-L
RadSlide - Max, DR Portrait	RAD-SLM-DR-P
RadSlide - Max, CR Landscape	RAD-SLM-CR-L
RadSlide - Max, CR Portrait	RAD-SLM-CR-P

	Portrait	Landscape
CR	45 cm 50 cm	50 cm 45 cm
DR	52 cm 56 cm	56 cm 52 cm

Tips to Make the Portable X-ray Examination Easier

If possible, use the RadSlide under the bed's draw sheet. The RadSlide works best between sheets rather than against the patient's skin or mattress surface.

Pull the bottom sheet and draw sheet tight, so the tongue does not catch on any creases in the bed.

The tongue of the RadSlide should be pushed under the patient before inserting the cassette/DR Plate and grid. Once the cassette/DR Receptor has been inserted, the loaded RadSlide should be given a push until it is partially under the patient (leaning against the inserted cassette will insert 1/5th of the cassette under the patient to maintain its position).

If an assistant is available, the draw sheet should be held from the opposite side whilst the RadSlide is pulled under the patient.

If no assistance is available, the patient may be braced with one hand whilst pulling the RadSlide through with the other. The withdrawal may be made easier by tucking the sheets in on the side of insertion before RadSlide withdrawal. This will enable you to stand back from the bed using your body weight to pull the RadSlide from under the patient.

The hook-and-loop fasteners will secure the detector in the RadSlide while under the patient. It should not be relied on to support the weight of the detector. The weight of the detector should be supported until the detector is under the patient. On withdrawal two hands should be used to extract and support the weight of the detector when greater than half of the detector has been removed from under the patient.

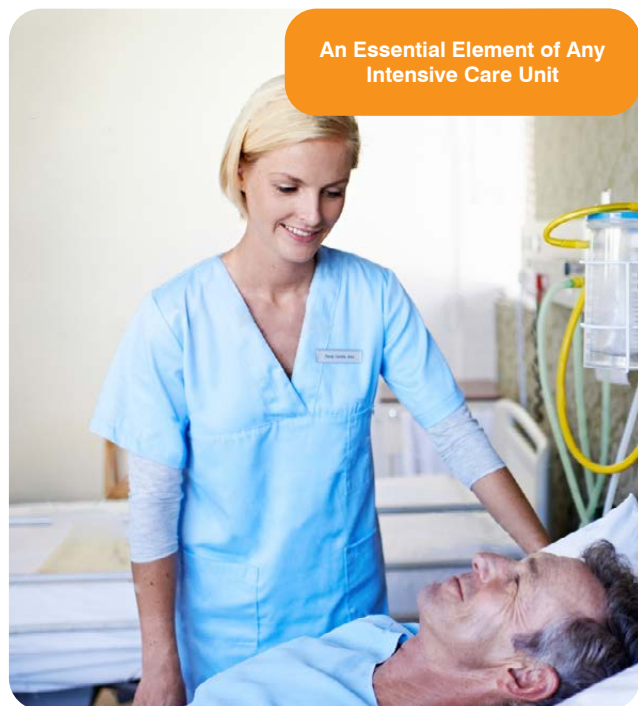
Alternatively, the RadSlide may be folded in half and pushed under the drawsheet. Extraction is then from the same side using the handle.

Care should be taken to seal the hook-and-loop fasteners properly. Failure to do so may result in the cassette and/or grid dropping out of the RadSlide.

The centre of the grid, when used, may be approximated by the midline of the exposed handle/tongue.

The RadSlide is best utilised when it is easily accessible. The RadSlide's design makes hanging, laying or folding the RadSlide on the portable x-ray machine or next to the patients bed a simple process, allowing for easy access at the next examination.

The triangular end handle should be used for insertion/extraction to spread the load. The open end handles should only be used for minor positional adjustments under the patient, not for extraction.



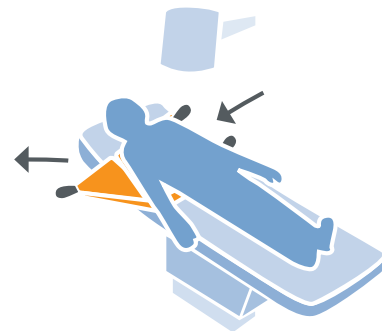
How to use:



1). The leading tapered edge is pushed under patient.



2). The cassette is inserted into the RadSlide and locked in place with hook-and-loop fasteners.



3). RadSlide is pulled through and easily positioned for an x-ray procedure.

Mobile CR/DR Panel Holders

Techno-Aide's Mobile CR/DR Panel Holders are the premium option for nearly any imaging facility. Safely and securely position your CR/DR panels when and where you need them, cutting down on costly reshoots and dangerous errors.

Techno-Aide is proud to offer three premium position types and your choice of either vertical or horizontal orientation. Mix and match to create your ideal solution! Each panel holder features our incredibly durable and weight-bearing, low-clearance "easy-glide" h-base for superior functionality and versatility no matter where you use it.

Tilt & Rotate, Vertical Clamp	TNA-MCH-33B
Tilt & Rotate, Horizontal Clamp	TNA-MCH-33C
Tilt & Rotate, Full Motion, Vertical Clamp	TNA-MCH-37B
Tilt & Rotate, Full Motion, Horizontal Clamp	TNA-MCH-37C



Configurations



Tilt and Rotate (MCH-33)

Clamp Range

Vertical: 8"-20" | Horizontal: 13.5"-20.5"

Tilt and Rotate Range

Tilt: +/- 90° | Rotate: +/- 360°

Extension Range

N/A

Full Motion (MCH-37)

Clamp Range

Vertical: 8"-20" | Horizontal: 13.5"-20.5"

Tilt and Rotate Range

Tilt: +/- 90° | Rotate: +/- 360°

Extension Range

From Pole: 11"-23"

Mobile CR/DR Panel Holders

Protect patients, staff, and equipment with Techno-Aide's disposable CR/DR covers. These versatile covers are designed for use in the ER, OR, and with portable systems, providing a reliable barrier against contamination from bacteria and fluids.

Suitable for nearly all panel, receptor, and cassette styles, the covers are available in multiple sizes with two closure options. Each dispenser box contains 100 disposable covers for convenient, hygienic access during procedures.



Top Fold X-Ray Panel/Receptor/Cassette Covers for CR/DR Panels - 21" x 21" (Box of 100)	TNA-CCC-DR
Top Fold X-Ray Panel/Receptor/Cassette Covers for CR/DR Panels - 17.5" x 20.5" (Box of 100)	TNA-CCL-14
Top Fold X-Ray Panel/Receptor/Cassette Covers for CR/DR Panels - 12.5" x 15" (Box of 100)	TNA-CCM-10
Extra Large Top Fold X-Ray Panel/Receptor/Cassette Covers for CR/DR Panels - 24" x 26" (Box of 100)	TNA-CCXL-24
Extra Large Zip-Top X-Ray Panel/Receptor/Cassette for CR/DR Panels - 24" x 26" (Box of 100)	TNA-CCXZ-24
Zip-Top X-Ray Cassette Covers for CR/DR Panels - 17.5" x 20.5" (Box of 100)	TNA-CCZ-14



RC Imaging Grid Encasements



Aluminum with Channels

- Lightweight, high grade, aluminum
- Great for portable usage
- Vinyl coating for patient comfort
- Reinforced welded corners
- Available in 10x12, 14x17, and 24x30
- Custom manufactured as ordered
- Easy-out handling

Size 24x30	RCI-GECA2430
Size 10x12	RCI-GECA1012
Size 14x17	RCI-GECA1417



Aluminum Drop on Encasement

- Made of lightweight aluminum
- Corners target area for easy alignment
- Sleek, comfortable design for easy handling

Size 24x30	RCI-GEDA2430
Size 10x12	RCI-GEDA1012
Size 14x17	RCI-GEDA1417



Polycarbonate with Channels

- Most versatile grid protection
- Made of lightweight polycarbonate material
- Cassette easily slides in and out of channels
- Provides minimal disruption to patient during multiple exposures

Size 10x12	RCI-GEC1012
Size 14x17	RCI-GEC1417

RC Imaging DR Panel Protection

Lock-N-Secure®

Using an expensive DR Flat Panel in a mobile environment can be extremely risky. You can easily reduce the burden by protecting your investment with our Lock-N-Secure® and our innovative Lock-N-Secure® II DR Flat Panel Protectors containing multiple layers to absorb impact and increase weight capacity. Our DR Flat Panel Protectors are designed for all cassette sized detectors. Lifetime Limited Warranty, Excludes Grid.

Lock-N-Secure® DR panel protectors are designed for portable x-ray or table top use in exam rooms to assist the Radiographic Technologist with positioning the detector and grid, while also protecting the capital assets.

The modular construction of aeronautic grade Kydex frame, ABS handle, and Carbon Fiber tube side produce the industry's leading verified results. The patented easy to use positive lock latch keeps your expensive flat panel detector securely locked in position even under load. Included is the industry's only Lifetime Limited Warranty proving this solution is the lowest total cost of ownership versus any competing brand.

This product is not a weight bearing device, refer to our section of weight bearing products on pages 7-10 if one is required.



**10x12 in. Lock-N-Secure®
Short Dimension Handle**

Product Codes:

DR.LNS1012SD (grid separately) weighs
1.62 lbs. plus grid

DR.LNS1012SDWD weighs 2.20 pounds



**14x17 in. Lock-N-Secure®
Short Dimension Handle**

Product Codes:

DR.LNS1417SD (grid separately) weighs
2.02 pounds plus grid

DR.LNS1417SDWD weighs 3.16 pounds



**14x17 in. Lock-N-Secure®
Short Dimension Handle
with Additional Accessory
Handle**

Product Codes:

DR.LNS1417SD2 (grid separately) weighs
2.16 pounds plus grid

DR.LNS1417SD2WD weighs 3.30 pounds



**10x12 in. Lock-N-Secure®
Long Dimension Handle**

Product Codes:

DR.LNS1012LD (grid separately) weighs
1.72 lbs. plus grid

DR.LNS1012LDWD weighs 2.30 pounds



**14x17 in. Lock-N-Secure®
Long Dimension Handle**

Product Codes:

DR.LNS1417LD (grid separately) weighs
2.34 pounds plus grid

DR.LNS1417LDWD weighs 3.50 pounds



**14x17 in. Lock-N-Secure®
Long Dimension Handle
with Additional Accessory
Handle**

Product Codes:

DR.LNS1417LD2 (grid separately) weighs
2.50 pounds plus grid

DR.LNS1417LD2WD weighs 3.64 pounds

Lock-N-Secure® II

Lock-N-Secure® II DR panel protectors feature the same durable construction, industry leading latch security, and limited lifetime warranty as the original Lock-N-Secure® but in a smaller, more lightweight package. Designed specifically for a universal fit in all brands of portable x-ray storage bins, the reduced size and weight also benefits the Radiographic Technologist by minimizing fatigue.

This product is not a weight bearing device, refer to our section of weight bearing products if one is required.



Custom openings for essential access to LEDs, switches, antennae, and tether connections when necessary



Carbon Fiber tube side forms a rigid, lightweight solution while protecting the image side from incidental damage.



Carbon Fiber tube side forms a rigid, lightweight solution while protecting the image side from incidental damage.



14x17 in. Lock-N-Secure® II Short Dimension Handle

Product Codes:

DR.LNS21417SD (grid separately) weighs 1.66 pounds plus grid

DR.LNS21417SDWD weighs 2.08 pounds



14x17 in. Lock-N-Secure® II Short Dimension Handle with Additional Accessory Handle

Product Codes:

DR.LNS21417SD2 (grid separately) weighs 1.91 pounds plus grid

DR.LNS21417SD2WD weighs 3.05 pounds



17x17 in. Lock-N-Secure® II

Product Codes:

DR.LNS21717 (grid separately) weighs 2.09 pounds plus grid

DR.LNS21717WD weighs 3.51 pounds

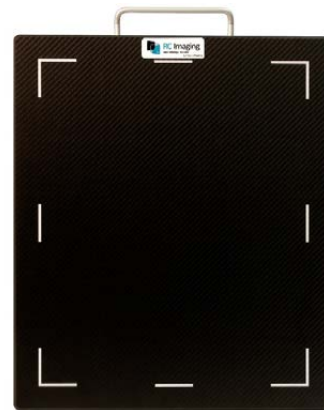
RC Imaging Weight Bearing Covers

Our Weight Bearing Protective Cover has been designed to accommodate Digital DR Panels and CR Cassettes. Our covers are strong yet lightweight, offering the highest degree of protection during weight bearing procedures. Our latest cover is constructed of a high density polyethylene frame and a carbon fiber top, offering protection up to 1300 lbs. Our easy lift handle makes removal and carrying a breeze. The Weight Bearing Cover has been tested by an accredited independent laboratory.

Carbon Fiber Weight Bearing Cover

Weight bearing covers, commonly referred to as weight distribution caps, are used to perform various standing feet and ankle exams and prevent damage to the detector underneath. Our Carbon Fiber top has an industry leading 1300 pound weight capacity.

Featuring a printed target area, non-skid rubber feet, easy-lift handle, and limited lifetime warranty. Available in 14x17 in. and 17x17 in. and supports all cassette size wireless flat panels.



14x17 Weight Capacity: 1300 lbs.
17x17 Weight Capacity: 433 lbs.

Size 14x17: WB.C1417CF, weighs 5.9 lbs.
Size 17x17: WB.C1717CF, weighs 6 lbs.

14x17 in. Carbon Fiber Weight Bearing Cover

Polycarbonate Weight Bearing Cover

The smoked Polycarbonate top features the same non-skid rubber feet, easy-lift handle, and limited lifetime warranty, but is more economically priced. Supporting over 425 pounds, this cover is available in 10x12 in. and 14x17 in. and supports all cassette size wireless flat panels.



10x12 Weight Capacity: 800 lbs.
14x17 Weight Capacity: 425 lbs.

Size 10x12: WB.C1012, weighs 4.3 lbs.
Size 14x17: WB.C1417, weighs 7 lbs.

14x17 in. Polycarbonate Weight Bearing Cover

Lateral Weight Bearing Cover

Our new Lateral Weight Bearing Cover facilitates lateral weight bearing studies of lower extremities. Featuring customized slots along both long edges, non-skid rubber feet, easy-lift handle, and limited lifetime warranty. Available in sizes 10x12 in. and 14x17 in. Supports all cassette size wireless flat panel detectors.



Product Codes:

Size 10x12: WB.C1012L, weighs 5 lbs.
Size 14x17: WB.C1417L, weighs 7.5 lbs.

10x12 Weight Capacity: 800 lbs.
14x17 Weight Capacity: 425 lbs.

Product Codes:

Size 10x12: WB.C1012L, weighs 5 lbs.
Size 14x17: WB.C1417L, weighs 7.5 lbs.

Weight Bearing Tunnel

Our Weight Bearing Tunnel is perfect for equine, zoo, and other large animal imaging when paired with one of our patented Lock-N-Secure® DR panel protectors.

Distributed weight capacity ranging from 700 to over 2000 pounds featuring grab-n-go handle, target area for easy alignment, and non-skid rubber feet.

Available for 24x30 cm, 10x12 in., and 14x17 in. wireless detectors.



Product Codes:

Size 10x12: WB.T1012LD
(Lock-N-Secure sold separate)

Size 14x17: WB.T1417LD
(Lock-N-Secure sold separate)

Weight Bearing Cassette/DR Panel Holder

High density crosslink closed cell foam provides durability, cleanability, and is an excellent positioning aide for weight bearing studies. Developed to facilitate imaging of longitudinal arch and lateral projection studies of feet and ankles.

Closed cell crosslink foam has a very fine micro-cellular structure that is characterized by a compact feel and is resistant to fluids. The smooth easy to clean surface is resistant to blood, Betadine, barium, alcohol, and other fluids. It is ozone resistant and impervious to mildew, mold, rot and bacteria. Non toxic and contains no CFC's, HCFC's, or hydrocarbon blowing agents. Anti-microbial: antibacterial and antifungal. Weight bearing up to 300lbs.

Product Codes:

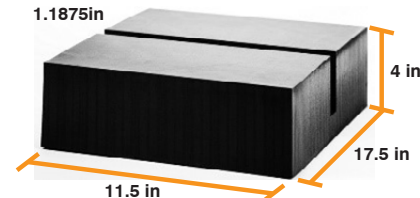
A.WBCH



10x12 Weight Capacity: 700 lbs.



14x17 Weight Capacity: 2000 lbs.



RC Imaging Weight Bearing Platforms

Our Weight Bearing Platforms are designed to accommodate digital DR Panels, CR and Analog Cassettes. These products are designed for easy mobility and stability while allowing for easy weight bearing imaging on the foot, ankle and knee. Our Weight Bearing Platforms are constructed of high density HDPE plastic and stainless steel with multiple handrail positions available.

Lateral View 1-Step Platform

Our 1-Step Weight Bearing Platform is designed to assist with positioning both the receptor and patient for weight bearing lateral views on lower extremities.

The smaller footprint and reduced weight makes mobility and storage in smaller spaces simple. Featuring a 6 inch rise, 750 pounds weight capacity, stainless steel handrail, non-skid rubber feet, and a comfortable textured platform.



Lateral View 2-Step Platform

Our 2-Step Weight Bearing Platform adds multiple customizable detector slots for flexible positioning and is compatible with modern X-Ray rooms where tube height can reach 15 inches or below. This rugged solution features offset rear castors for easy relocation, 750 pounds weight capacity, and simple to sanitize surfaces.

Weight: 130 lbs.
Capacity: 750 lbs.



Product Code:
A.2CompleteView

Complete View 2-Step Platform

Our Complete View 2-Step Weight Bearing Platform combines features of multiple devices into one, allowing for Lateral, AP, and other anatomical views from a single patient standing position. Includes Lock-N-Secure® II protector at no additional cost for added detector security. Compatible with modern X-Ray rooms where tube height can reach 15 inches or below, the Complete View 2-Step is a valuable tool for any practice looking to add imaging capabilities.

Weight: 101 lbs.
Capacity: 750 lbs.

Product Code:
A.2-Step



XARM™ Weight Bearing Platform

Our XARM™ Weight Bearing Platform is designed for compatibility with most U-Arm and Straight Arm systems and assists with positioning the patient for all lower extremity studies. Featuring an intuitive quick release trip bar, clear polycarbonate top, welded steel frame, and effortless maneuverability due to its heavy-duty swivel casters. Certified laboratory tested over 500 pounds.

Weight: 152 lbs.
Capacity: 500 lbs.

Product Code:
A.XArm





Explore Our Range

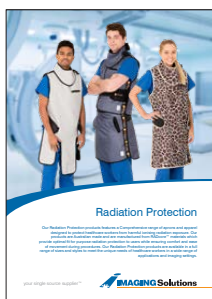
At Imaging Solutions, we take pride in offering an extensive and comprehensive range of products designed to cater to the diverse needs of healthcare facilities across the globe. Our commitment to providing top-quality equipment and technology solutions is at the core of our Preferred Supplier Agreement. This ensures that our customers receive unparalleled access to the best in class products, while benefiting from the tangible value we deliver through managing and containing operational costs. With a broad spectrum of offerings, our Single Source Supply agreements are the ideal solution for meeting your facility's specific needs.

As your trusted partner, Imaging Solutions is dedicated to providing a seamless and integrated experience, allowing you to focus on delivering exceptional patient care. With our Preferred Supplier Agreement, you can have confidence that you are investing in the most advanced and reliable products in the industry, all while enjoying the cost-saving benefits that our Single Source Supply agreements provide. Explore Our Range and discover the Imaging Solutions difference.

Your Single Source Supplier™

Established initially as a small medical imaging hardcopy film and consumables distributor, specialising in analogue based imaging technology, the company very quickly identified the need for a reliable supply source of high quality imaging accessories. As a result the business targeted a small niche of premium suppliers of imaging accessories and over a short space of time acquired distribution access these to develop an initial foundation for today's expansive and comprehensive accessories portfolio. These industry wide market leading brands converge together to develop a comprehensive product portfolio offering the company markets today.

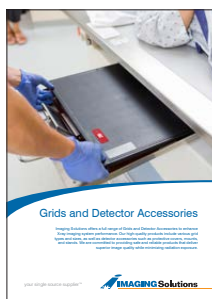
Effectively on completion of our initial growth phase, in building the accessories range offering, Imaging Solution set about the task of identifying the worlds market leading brand, in every functional specialisation existing in the imaging market.



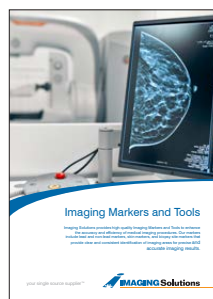
Radiation Protection



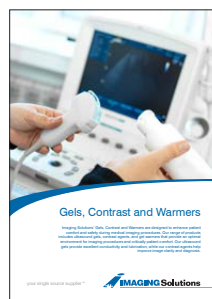
MRI Equipment and Accessories



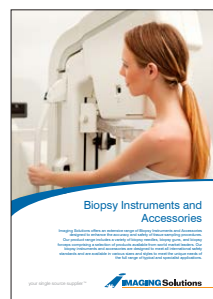
Grids and Detector Accessories



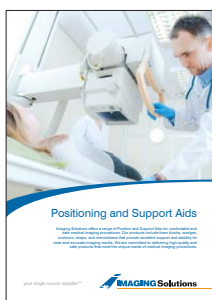
Imaging Markers and Tools



Gels, Contrast and Warmers



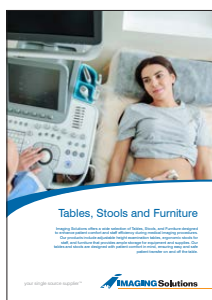
Biopsy Instruments and Accessories



Positioning and Support Aids



Patient Transport



Tables, Stools and Furniture



Trolleys, Stands, Carts and Storage



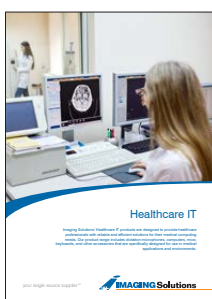
Phantoms



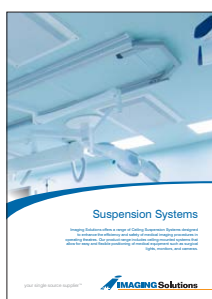
Data Management



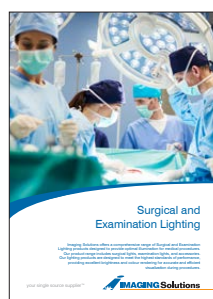
Display Systems



Healthcare IT



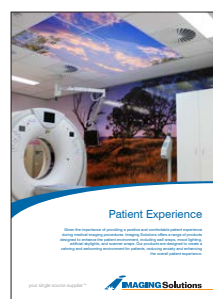
Suspension Systems



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Design and Construction



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your single source supplier[™]



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