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WWW.KLARITYMEDICAL.COM

# Klarity

#### Who We Are

Klarity Medical Products manufactures and distributes a wide range of products serving the needs of radiation therapists, occupational therapists, hand therapists, and other medical specialists. With facilities in the USA, China, and Europe, Klarity is a world leader in manufacturing and developing thermoplastics and positioning devices. All items are produced with strict ISO 13485 certification and in compliance with all FDA, CE, and other international regulations.

#### **Our History**

Our technical expertise dates back to the 1960s and a laboratory in Delaware, where co-founder Dr. Lester M. Larson created the world's first thermoplastic splinting material. His work provided the foundation for all of today's low-temperature thermoplastic splinting materials.

In 1989, Dr. Larson and his son, Peter, founded Larson Medical Products in Columbus, Ohio. Ten years later, a collaboration with Dr. Deren Zhan of Guangzhou, China, led to the founding of Klarity Medical and Equipment Company.

Today, the name Klarity<sup>®</sup> symbolizes our dedication to technological advancement and excellence. We are committed to developing the world's highest quality medical thermoplastics and positioning devices, always seeking to improve patient care.

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#### Contact

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# Klarity

For years, Klarity has been a global leader in the field, with a primary focus on therapists and patients. Our state-of-the-art designs are revolutionizing the way therapists do their jobs. Our products also provide safer, more precise, and more comfortable options for patient positioning. At every turn, we at Klarity work hard to ensure a higher standard of care. Always improving. Always better.

#### **Innovating for you**

Klarity's heart and soul lies in innovation. At a time when water baths offered the only way to heat thermoplastic immobilization devices, we envisioned a new method: dry heat. Klarity pioneered the design and manufacture of dry-heat ovens for the preparation of thermoplastics, and in the process we helped optimize therapist workflow and minimize patient risk of bacterial infection. Likewise, our Klarity Cushions<sup>™</sup> have transformed patient positioning. By creating a warm, dry, and easily moldable neck cushion with even density, we've made life much easier for therapists and much more comfortable—even calming—for patients. These products demonstrate Klarity's commitment to thinking outside the box.

#### **Responding to your needs**

When changes come, as they inevitably do, Klarity is quick to respond. We pride ourselves on being nimble, quickly adapting to the latest developments in the field of radiation therapy. We also respond to individual therapists' needs by manufacturing custom products. Klarity works with clinics of any size to develop customized product designs.

#### Making good products great

We at Klarity love to take good products and make them better. We've improved our masks at every turn, creating a range of the highest-quality thermoplastics. Beyond our standard Klarity White<sup>™</sup>, we developed Klarity Green<sup>®</sup> thermoplastic materials, which have an improved working time, and we've also created Klarity Blue<sup>™</sup>, an ultra-strong mask with the least amount of shrinkage. We also designed our vacuum bags with more durable material, so they are easier to clean and don't have to be replaced nearly as often. Finally, with our baseplates, we've increased the indexing potential without making things more complicated for therapists. Small, simple changes can make a world of difference.

#### Upholding the highest standards

We design all of our products in accordance with the most up-to-date science on record. We also certify that our products adhere to all national and international compliance standards. But we never stop there. At Klarity, we hold ourselves and our products to the highest standard: our own. We don't sell products that we don't like. Period. If a preliminary product design doesn't suit the complex needs of today's radiation therapists, or if it doesn't pass muster with patients, we make adjustments until both therapists and patients are happy. We only settle for the best we can offer. And that's our promise to you.

#### Klarity: Better Products for Better Care.



### Baseplate Solutions

Head & Neck Optek<sup>™</sup> System Optek<sup>™</sup> Demi Baseplate Duo Align<sup>™</sup> Full Body System Solo Align<sup>™</sup> Full Body System

Breast & Torso Supine Breast System WingSpan<sup>™</sup> Baseplate

Pelvis & Extremities Leg Positioner PelvicFix<sup>™</sup> Baseplate

SBRT SBRT System

Head Only MultiFix<sup>™</sup> Head-Only Baseplate

#### **MRI**

MR SBRT System MR WingSpan<sup>™</sup> Baseplate MR Solo Align<sup>™</sup> Full Body System MR Leg Positioner Mirak S1 MRI Medibord Overlay Mirak S2 MRI Medibord Overlay Kuma MRI Medibord Overlay Avior P1 MRI Medibord Overlay

#### **PET-MRI**

Vega PET-MRI Medibord Overlay Avior P2X PET-MRI Medibord Overlay

#### HEAD & NECK

### Klarity Optek<sup>™</sup>System

Optimal stability for the head, neck, and shoulders

#### Klarity Optek<sup>™</sup> System R630-3SCF

The Klarity Optek<sup>™</sup> System is a comfortable and adaptable S-type Overlay for head and neck treatments. The Klarity-K Carbon Fiber construction has enhanced strength and durability. The system is ideal for IMRT and conformal treatments in a 360° arc and is dual-configured for adult and pediatric treatments. The lower portion gently tapers for patient comfort and the overlay is equipped with additional indexing around the edges. The Optek System is extremely lightweight and CT-compatible with excellent attenuation factors. Comfortable and adjustable hand grips assist with shoulder retraction. The Optek System is compatible with all S-type masks.

105cm (Length) x 61cm (Width)

Klarity-K<sup>™</sup> Carbon Fiber is a new higher standard for carbon fiber with excellent attenuation factors. Klarity-K is made with revolutionary high-precision manufacturing for exact dimensional and compositional consistency.

- Enhanced indexing
- Comfortable shoulder retraction
- Strong and durable

#### INCLUDED COMPONENTS:



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Handgrips

### Optek<sup>™</sup> Demi-Baseplate

The Klarity Optek Demi-Baseplate for the Elekta HexaPOD<sup>™</sup> System.



Klarity Optek<sup>™</sup> Demi-Baseplate R630-SGF

The Optek Demi-Baseplate is specially designed for the Elekta HexaPOD<sup>™</sup> evo RT System, and is equally useful for situations requiring S-type masks with a shortened baseplate. It is extremely lightweight and the lower portion gently tapers for patient comfort. The Optek Demi-Baseplate is dual-configured for pediatric and adult S-type masks and is compatible with all S-Type masks.

58cm (Length) x 61cm (Width)



Also available as **R630-SCF** O-type/U-frame Demi-Baseplate for the Elekta HexaPOD<sup>™</sup> evo RT System, compatible with all O-type and U-frame Masks. **COMPATIBLE WITH:** 

S-type Head Masks

S-type H&S Masks

**Indexing Bars** 



**Head Supports** 



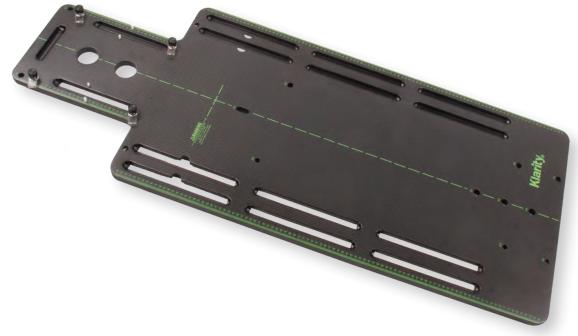


Klarity Cushions<sup>™</sup>

Vacuum Bags

## Klarity Duo Align<sup>™</sup> Full Body System

An all-in-one baseplate for O-type and U-frame masks compatible with small-bore machines



#### Duo Align<sup>™</sup> Full Body System R605-5FCF

The Klarity Duo Align Full Body System is a lightweight and simple positioning solution for head, shoulder, and full body placement. Made of strong and durable Klarity-K<sup>™</sup> Carbon Fiber, the Duo Align Baseplate is fully indexable, and compatible with both U-frame and O-type head masks as well as pelvic masks. The increased compositional consistency allows for superior attenuation factors. The baseplate can be used with standard Silverman headrests, and is compatible with the R605-WCF Overhead Arm Positioner for additional arm placement options. It is also compatible with the Leg Positioner Cushions, and it comes with an optional Groin Lock for pelvic mask fixation. A narrow profile is compatible with small bore machines.



133cm (Length) x 54cm (Width)

#### INCLUDED COMPONENT:



#### **Groin Lock**

The Groin Lock connects directly to the Duo Align Baseplate and makes Pelvic mask fixation more secure. It is optional and can easily be connected/removed. Included with the Duo Align System

**OPTIONAL COMPONENTS:** 



#### Leg Positioner Cushions R605-F

The Klarity Leg Positioner Cushions are comfortable foam cushions for ergonomic and adjustable knee and leg support. The cushions have a movable range of 0-46cm and can easily be locked or unlocked to the Duo Align Baseplate. It comes with an acrylic baseplate, a KneeFix Cushion, and two Elevation cushions.

Supplemental item

#### **COMPATIBLE WITH:**

**U-frame Masks** 

**O-type Masks** 

Klarity Cushions<sup>™</sup>







**Head Supports** 

#### Overhead Arm Positioner R602-DCF

The Klarity Overhead Arm Support easily and securely connects to the Duo Align Baseplate. It allows for comfortable arm support to improve positioning accuracy and reproducibility. The height of the arm supports is adjustable in six angles between 20-46° and they have a rotating arc of 0-170°. The height of the Wrist Cups is adjustable between 18.5-25.4cm.

Supplemental item



## Klarity Solo Align<sup>™</sup> Full Body System

An all-in-one baseplate for S-type masks compatible with small-bore machines

#### Solo Align<sup>™</sup> Full Body System R605-H

The Klarity Solo Align Full Body System is configured for multiple treatments and has a narrow profile that is compatible with smaller bore machines.

The Klarity-K<sup>™</sup> Carbon Fiber baseplate can be used to immobilize the head, neck, shoulders, thorax, and pelvis for targeted as well as whole-body irradiation. The baseplate includes three sink-lock channels on either side of the pelvic area to ensure better conformability. Custom vacuum bags attach to the baseplate for further customization.

The Solo Align Baseplate works with all standard S-type head masks. It is also compatible with the R460-2436S5T Head & Shoulder mask, which has a narrow shoulder profile for highly specific positioning.

124cm (Length) x 54cm (Width) Also available as MR Compatible



#### INCLUDED COMPONENTS:



Adjustable head frame to work with different styles of head support



#### **Groin Lock**

The Groin Lock connects directly to the Solo Align Baseplate for secure pelvic mask fixation. The Groin Lock is optional and can be easily connected or removed.

Included with the Solo Align System

#### OPTIONAL COMPONENT:

#### Overhead Arm Positioner R605-B

The Klarity Overhead Arm Support easily and securely connects to the Solo Align Baseplate. It allows for comfortable arm support to improve positioning accuracy and reproducibility. The height of the arm supports is adjustable in six angles between 20-46° and they have a rotating arc of 0-170°. The height of the Wrist Cups is adjustable between 18.5-25.4cm. It is also compatible with the Duo Align Full Body System.

Supplemental item



#### COMPATIBLE WITH:

S-type Head Masks Head, Shoulder, Thorax, and Pelvic Masks (see website for details)



**Head Supports** 

**Indexing Bars** 





Vacuum Bags

## Klarity Supine Breast System

A lightweight yet durable system engineered for a quick and fully adjustable setup

- Minimal attenuation
- Lightweight and durable
- Adjustable arm supports
- Engineered for quick setup
- Superior Klairty-K<sup>™</sup> carbon fiber composition

#### Klarity Supine Breast System R611-5SDCF

The Klarity Supine Breast System is a complete system for supine breast and torso positioning. The Klarity Supine Breast System comes as a complete system and includes two arms cups, two wrist cups, two hand posts, a removable head cup, adjustable bottom-stopper, and a leg cushion. The system is made of strong, lightweight Klarity-K<sup>™</sup> Carbon Fiber and is CT compatible. Fiducial markers allow for easy tracking of the spine in relation to the baseplate. The Klarity Supine Breast System is compatible with the WingSpan<sup>™</sup> Baseplate.

131cm (Length) x 41cm (Width) Maximum Height is 58.2cm at 25°

#### INCLUDED COMPONENTS:

Supine Breast System Leg Cushion

#### **COMPATIBLE WITH:**

WingSpan<sup>™</sup> Baseplate

**Breast Masks** 



**Head Supports** 



**Indexing Bars** 

#### **BREAST & TORSO**

## Klarity. WingSpan<sup>™</sup> Baseplate



- Secure arm support
- Lightweight and easily transportable
- Low attenuation

#### Klarity WingSpan Baseplate R632-BTCF

The Klarity WingSpan Baseplate features secure arm support for upper body treatment and diagnostic procedures. The WingSpan Baseplate comes with T-Hand Grips. It can be used with standard Silverman head supports. The compatible WingSpan Vacuum Bag allows for secure customizable support. It is comfortable and lightweight, and allows for easy transporting, indexing, and re-positioning, with low attenuation. The Klarity WingSpan Baseplate can be used alone, or in conjunction with the Klarity Supine Breast System. It is also compatible with the Klarity SBRT System.

56.1cm (Length) x 58cm (Width) Also available as MR Compatible

#### COMPATIBLE WITH:



#### **PELVIS & EXTREMITIES**

## Klarity. Leg Positioner

Easy, ergonomic leg positioning with precise shoulder suppression

- Indexable Klarity-K<sup>™</sup> Carbon Fiber baseplate
- Comfortable and natural leg positioning
- Reproducible shoulder suppression



#### Klarity Leg Positioner R606-ACF

The Klarity Leg Positioner is a complete set that includes baseplate, leg support, two elevation blocks, foot cushion, and hand grips. Sturdy foam cushions reduce patient fatigue, and the angle of the feet is fully indexable and adjustable. The acrylic hand grips are a comfortable option for shoulder suppression, and the ball and socket locking feature allows for reproducible tension in 5cm increments. Two elevation blocks are included for height adjustment. The system indexes to any couch top, and can be combined with other immobilizatin systems for compatible positioning. The Leg Positioner comes as a full system, and the Knee Cushion and elevation blocks can also be indexed directly to the couch top for additional positioning options.

86.4cm (Length) x 44.5cm (Width) x 26.7cm (Max Height) Elevation wedges at 10/20/30 Also available as MR Compatible

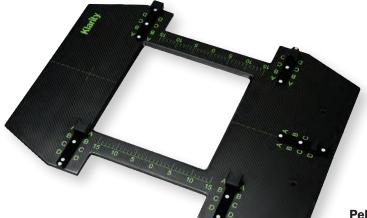
#### INCLUDED COMPONENTS:

**Baseplate & Handgrips** 



#### **PELVIS & EXTREMITIES**

## Klarity. PelvicFix<sup>™</sup> Baseplate



### The Klarity PelvicFix Baseplate: for easy, reproducible pelvic positioning

The Klarity PelvicFix Baseplate is a supine pelvic belly board that can be used with large, single thermoplastic sheets for immobilization of the entire abdominal and pelvic region. The baseplate includes a center cutout for easy treatment and an optional indexable thigh spacer. PelvicFix thermoplastic sheets attach to the sides and groin for indexable setup and can be adjusted to fit each patient. The baseplate can also be indexed to the treatment couch. PelvicFix<sup>™</sup> Baseplate R606-ACF

#### INCLUDED COMPONENTS:

Baseplate

Thigh spacer R606-B-1 Indexible Thigh Spacer for PelvicFix Baseplate



COMPATIBLE WITH:

Indexing Bars

**PelvicFix Masks** 



Adjustable to patient size

Vacuum Bags

### Klarity SBRT System

The Klarity SBRT System is simple to use, highly indexable, and easily adjustable.

#### Klarity SBRT System R62400

The SBRT System includes the Klarity-K<sup>™</sup> Carbon Fiber Baseplate, the Klarity WingSpan<sup>™</sup> Baseplate with accompanying WingSpan<sup>™</sup> vacuum bag, an adjustable belly bridge with compression paddle, respiratory belt, an adjustable knee bridge with vacuum bag, and a movable foot positioner. The system also comes with two indexing bars, and it is compatible with standard thorax masks and Silverman headrests.

The Klarity-K<sup>™</sup> Carbon Fiber Baseplate is lightweight and durable, with handgrip holes on either side for easier placement and hanging options. The SBRT Baseplate indexes to the couch top in two places, and scalloped edges allow the belly and knee bridge to be indexed in the best position for the patient. The height of the belly and knee bridges can be adjusted quickly, and the bridges lock and unlock without fuss. The SBRT System is also equipped with an ergonomic belly compression paddle and a respiratory belt designed to maximize patient comfort while providing necessary immobilization.

220cm (Length) x 53cm (Width) Also available as MR Compatible



#### INCLUDED COMPONENTS:

WingSpan<sup>™</sup> Baseplate

and

R7215-35BC SBRT Vacuum Bag 136.5x90cm 32.5 liter fill





**Respiratory Belt** 

Knee Bridge and Knee Bridge Vacuum Bag

**Knee Cushion** 

**Foot Positioner** 

**SBRT Indexing Bars** 











COMPATIBLE WITH:



**Head Supports** 



**Vacuum Bags** 

#### HEAD & NECK

## Klarity MultiFix<sup>™</sup> Head-Only Baseplate

An easy and flexible solution for head placement

#### Head Only MultiFix<sup>™</sup> R605-HCF

35.5cm (Length) x 25.5cm (Width)

The Klarity MultiFix<sup>™</sup> Head Only Baseplate is a lightweight and simple positioning solution for head placement. Made of strong and durable carbon fiber, the Head Only MultiFix is fully indexable, and compatible with both U-Frame and O-Type head masks. The baseplates can be used with standard Silverman headrests, and options are available for prone positioning. Heat-activated Klarity Cushions<sup>™</sup> provide neck support and additional accessories are available, such as vacuum bags, carbon fiber and Silverman head rests, and indexing bars.



Prone Head MultiFix<sup>™</sup> R605-HPCF

The baseplate is compatible with the R605-HCF Head Only MultiFix, which can be used with U-frame and O-type Head Masks.

35.8cm (Length) x 25.7cm (Width)

#### COMPATIBLE WITH:

**U-frame Masks** 

**O-type Masks** 

Klarity Cushions<sup>™</sup>





# Klarity MR SBRT System

A complete, easily adjustable immobilization system with multiple options for abdominal fixation



#### Klarity MR SBRT System R624-SCF

The new Klarity MR SBRT System is simple to use, highly indexable, and easily adjustable.

The standard MR SBRT System includes a baseplate, the Klarity MR WingSpan<sup>™</sup> Baseplate, an adjustable belly bridge with a compression paddle, respiratory belt, an adjustable knee bridge, and a movable foot positioner. The system also comes with two indexing bars, and it is compatible with standard thorax masks and Silverman headrests.

The baseplate is lightweight and has handgrip holes on either side for easier placement and hanging options. The MR SBRT Baseplate indexes to the couch top in two places, and scalloped edges allow the belly and knee bridge to be fixed in the best position for the patient. The height of the belly and knee bridges can be adjusted quickly, and the bridges lock and unlock without fuss. The MR SBRT System is also equipped with an ergonomic belly compression paddle and an optional respiratory best designed to maximize patient comfort while providing necessary immobilization.

220cm (Length) x 53cm (Wldth) Also available as CT Compatible

#### INCLUDED COMPONENTS:

- MR WingSpan<sup>™</sup> Baseplate Belly Bridge with compression paddle Respiratory Belt Knee Bridge Knee Cushion
- **Foot Positioner**
- **SBRT** Indexing Bars

#### COMPATIBLE WITH:

**Indexing Bars** 

### MR WingSpan<sup>™</sup> Baseplate



The Klarity MR WingSpan Baseplate features secure arm support for upper body treatment and diagnostic procedures. The MR WingSpan Baseplate comes with T-Hand Grips. It is compatible with standard Silverman head supports. The Klarity MR WingSpan Baseplate can be used alone, or in conjunction with the Klarity MR SBRT System.

56.1cm (Length) x 58cm (Width) Also available as CT Compatible

#### **COMPATIBLE WITH:**



MR SBRT system



#### Klarity MR Solo Align<sup>™</sup> Full Body System R605-S

An all-in-one MR baseplate compatible with smaller-bore machines.

The Klarity MR Solo Align<sup>™</sup> Full Body Baseplate is configured for multiple treatments and has a narrow profile that is compatible with smaller bore machines. The MR compatible baseplate can be used to immobilize the head, neck, shoulders, thorax, and pelvis for targeted as well as whole-body treatments. The baseplate includes three sink-lock channels on either side of the pelvic area to ensure better conformability. The MR Solo Align<sup>™</sup> Full Body System works with all standard S-type head masks. It is also compatible with the R460-2436S5T Head & Shoulder mask, which has a narrow shoulder profile for highly specific positioning.

124cm (Length) x 54cm (Width) Also available as CT Compatible

#### **COMPATIBLE WITH:**



#### S-type head masks

Head, Shoulder, Thorax, and Pelvic Masks (see website for details))



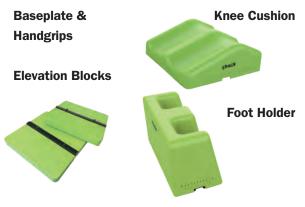
#### Easy, ergonomic leg positioning with precise shoulder suppression

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#### Klarity MR Leg Positioner R634-LGF

The Klarity MR Leg Positioner is a complete set that includes baseplate, leg support, two elevation blocks, foot cushion, and hand grips. Sturdy foam cushions reduce patient fatigue, and the angle of the feet is fully indexable and adjustable. The acrylic hand grips are a comfortable option for shoulder suppression, and the ball and socket locking feature allows for reproducible tension in 5cm increments. Two elevation blocks are included for height adjustment. The system indexes to any couch top, and can be combined with other immobilization systems for compatible positioning. The MR Leg Positioner comes as a full system, and the Knee Cushion and elevation blocks can also be indexed directly to the couch top for additional positioning options.

86.4cm (Length) x 44.5cm (Width) x 26.7cm (Max Height) Elevation wedges at 10/20/30 Also available as CT Compatible



### Mirak S1 MRI Medibord Overlay



#### Mirak S1 MRI Medibord Overlay for Siemens Magnetom Skyra and Aera MRI Machines R607

Klarity offers the Mirak S1 for Siemens Magnetom Skyra and Aera MRI Machines. The overlay provides a clean and flat surface for accurate patient positioning and indexation to enable optimum repeatibility between imaging and treatment. Image fusion with CT images can be undertaken very quickly as table curvature is eliminated.

The Mirak S1 Overlay covers the entire cushioned patient area and is raised 10mm above the top level of the rails. Bright colored spacers locate the overlay perfectly parallel to the table. The width matches most linear accelerator systems, providing broad compatibility.

It's low weight of less than 11lbs and its high resilience make the overlay highly suitable for busy MRI rooms, where RT planning in combined with diagnostic scans and the overlay needs to be removed on a regular basis. The head end has a cutout to fit around the head coil unit. It also provides semi-circular recessed indexing points for two-pin indexing bars and other positioning accessories.

The Mirak S1 Overlay has low attenuation. It is fully MRI compatible, RF compatible, and nonconductive.

172.6cm (Length) x 53cm (Width) x 2cm (Depth)

- Interlocks onto existing table
- Cushions and main coils stay in place
- Full table size with cutout for head coil
- Low height of 2cm
- High rigidity



### Mirak S2 MRI Medibord Overlay



#### Mirak S2 MRI Medibord Overlay for Siemens Magnetom Espree and Excite 1.5T MRI Machines R607-A

Klarity offers the Mirak S2 for Siemens Magnetom Espree and Excite MRI Machines. The overlay provides a clean and flat surface for accurate patient positioning and indexation to enable optimum repeatibility between imaging and treatment. Image fusion with CT images can be undertaken very quickly as table curvature is eliminated.

The Mirak S2 Overlay is placed directly on the rail surface after removing cushions from around the main coil, optimizing bore space. The board is accurately located and locked with oblong sliding pins in each corner. The width is slightly larger than the normal patient area but leaves the t-rails accessible for accessories.

It's low weight of less than 11lbs and its high resilience make the overlay highly suitable for busy MRI rooms, where RT planning in combined with diagnostic scans and the overlay needs to be removed on a regular basis. The head end has a cutout to fit around the head coil unit. It also provides semi-circular recessed indexing points for two-pin indexing bars and other positioning accessories.

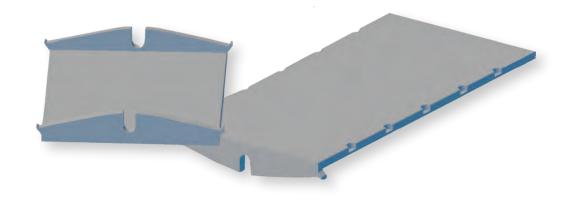
The Mirak S2 Overlay has low attenuation. It is fully MRI compatible, RF compatible, and nonconductive.

166.5cm (Length) x 50.9cm (Width) x 2cm (Depth)

- Interlocks onto existing table with 4 oblong pins
- Works with main coils under board
- Full table size with cutout for head coil and foot-end
- T-rail remains fully accessible
- Low height of 2cm
- High rigidity



### Kuma MRI Medibord Overlay



#### Kuma MRI Medibord Overlay MRI Overlay for GE Signa R629-2

Klarity offers the Kuma Medibord MRI Overlay for GE Signa. It enables optimum Radiotherapy Planning delivering repeatability between imaging and treatment. The flat registration of the patient's position eliminates table curvature and provides a position equivalent to that of a Linac treatment system. In addition, images are taken in the same position as on CT scanner, providing fast and accurate image fusion.

The Kuma Overlay is available across the 1.5T and 3T systems. The overlay is located on the top of the existing table and locks over the edge with supports that follow the curvature of the table. This solution is designed so that the torso coil fits under the main infill board and the support board can be located on either side of the main board. The main boards has indexing as a standard.

The Kuma Overlay has low attenuation. It is fully MRI compatible, RF compatible, and nonconductive.

82/52cm (main/support) (Length) x 39cm (Width) x 2cm (Depth)

- Interlocks onto existing table
- No interference with main coils
- 2 part overlay set
- Compatible with positioning accessories
- High rigidity





#### Avior P1 MRI Medibord Overlay for Philips Ingenuity MRI System R620-BE2

Klarity offers the Avior P1 MRI Medibord Overlay for Philips Ingenuity MRI System. Solutions for 60cm and 70cm bore are available.

The Avior P1 is the ideal solution for flat patient positioning on a Philips Ingenia MRI with 70cm bore. It provides a clean and flat surface for accurate patient positioning and indexation to enable optimum repeatability between imaging and treatment. The Avior P1 covers the entire patient area. It is flush on the top level of the rail without clearance to allow maximum bore usage.

It's low weight of less than 11lbs and its high resilience make the Avior P1 highly suitable for rapid changeovers during interdepartmental use of the MRI system. The overlay can be removed within minutes, minimizing downtime.

The Avior P1 Overlay is designed to work with indexing bars as well as other positioning systems and tools. A coil holder is available for the TorsoXL anterior coil. Wing mounts are also available for head and neck masks as well as indexing bars.

The Avior P1 Overlay has low attenuation. It is fully MRI compatible, RF compatible, and nonconductive.

201.7cm (Length) x 50.3cm (Width) x 2cm (Depth)

- Exact parallel positioning on existing table
- Raised to fit main coils
- Full table size
- High rigidity
- Klarity S-type mask pin holes





#### Avior P2 MRI Medibord Overlay for Philips Achieva 1.5T and 3.0T MRI systems R620-ACF2

Klarity offers the Avior P2 MRI Medibord Overlay for Philips Achiva systems. Solutions for 60cm and 70cm bore are available.

The Avior P2 Overlay provides a clean and flat surface for accurate patient positioning and indexability to enable optimum repeatability between imaging and treatment. The overlay covers the entire patient area and is raised 25mm above the top level of the rails to create clearance for the coil cables. Fixed spacers locate the overlay perfectly to the table. The scanning zone has a reduced width to allow for the TorsoXL coil to be wrapped around patient and overlay.

It's low weight of less than 11lbs and its high resilience make the Avior P2 highly suitable for rapid changeovers during interdepartmental use of the MRI system. The overlay can be removed within minutes, minimizing downtime.

The Avior P2 Overlay is designed to work with indexing bars as well as other positioning systems and tools. The coil holder is suitable for the TorsoXL coil and uses the full space of the 60cm bore to allow optima use of space.

The Avior P2 Overlay has low attenuation. It is fully MRI compatible, RF compatible, and nonconductive.

Dimensions: 236cm (Length) x 50.3cm (Width) x 2cm (Depth)

- Exact parallel positioning on any couch
- Raised to fit main coils
- Full table size, reduces width in scanning zone
- High rigidity with support beams for increased rigidity



### Vega PET-MRI Medibord Overlay

### **Vega** PET-MRI Medibord Overlay for Siemens Biograph mMR

Klarity offers the Vega PET-MRI Medibord Overlay for the Siemens Biograph mMR PET-MRI machine. The Vega Overlay provides a clean, flat surface for accurate and easily reproducible patient positioning. The overlay covers the entire patient area and is raised 10 mm above the rails to create clearance for the main coil. Brightly colored spacers locate the overlay perfectly parallel to the couch.

Its lightweight construction(> 5 kg) and high resilience make the Vega Overlay suitable for interdepartmental use. The overlay can also be removed quickly, minimizing downtime during rapid changeovers.

The Vega Overlay is designed to work with indexing bars as well as other positioning systems and tools.

The Vega Overlay has low attenuation. It is fully MRI compatible, RF compatible, and nonconductive.

#### R629-CF

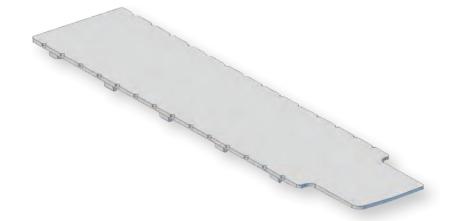
200cm (Length) x 50.3cm (Width) x 2cm (Depth)

- Exact parallel positioning on any couch
- Raised to fit main coils
- Full table size
- High rigidity





### Avior P2X PET-MRI Medibord Overlay



#### Avior P2X PET-MRI Medibord Overlay for Philips Ingenuity PET/MRI System R620-BCF2

Klarity offers the Vega PET-MRI Medibord Overlay for the Siemens Biograph mMR PET-MRI machine. The Vega Overlay provides a clean, flat surface for accurate and easily reproducible patient positioning. The overlay covers the entire patient area and is raised 10 mm above the rails to create clearance for the main coil. Brightly colored spacers locate the overlay perfectly parallel to the couch.

Its lightweight construction(> 5 kg) and high resilience make the Vega Overlay suitable for interdepartmental use. The overlay can also be removed quickly, minimizing downtime during rapid changeovers.

The Vega Overlay is designed to work with indexing bars as well as other positioning systems and tools.

The Vega Overlay has low attenuation. It is fully MRI compatible, RF compatible, and nonconductive.

241.1cm (Length) x 50.3cm (Width) x 2cm (Depth)

- Exact parallel positioning on existing table
- Raised to fit main coils
- Full table size
- High rigidity
- SENSE torso/cardia coil compatible





# Masks

SRS Masks S-type Masks Profile Frame Masks U-frame Masks Stereotactic Masks O-type Masks P-type Masks E-type Masks Proton Masks V-type Masks Breast & Pelvic Masks

# Klarity Thermoplastic Masks

#### Klarity Thermoplastic Masks

To achieve the most successful treatment outcomes in radiation therapy, it is critical that radiation beams hit the tumor in the same place every time, targeting the affected area while sparing as many healthy cells as possible. Masks and other immobilization devices aid therapists in ensuring that patients return to the same position for every treatment.

Klarity offers four types of thermoplastic: Klarity White<sup>™</sup>, Klarity Green<sup>®</sup>, Klarity LiteGreen<sup>™</sup>, and Klarity Blue<sup>™</sup>. Each type of thermoplastic has been specifically designed for optimal fixation with each frame-type and is available in varying thicknesses, sizes, and perforation patterns. Our thermoplastic is stronger, less-sticky, and has less shrinkage than other thermoplastic masks.

Klarity Masks are easy to prepare and can be heated with either an oven (at 165°F/73°C) or a water bath (at 160°F/70°C). Heating times vary by product and heating method. When the thermoplastic mask material is thoroughly warm, it becomes pliable and is ready for molding on the patient. Once the thermoplastic cools, it becomes rigid and extremely strong.

#### Klarity White<sup>™</sup>

Available for S-type, U-frame, P-type, and Stereotactic masks

Klarity White<sup>™</sup> is our original thermoplastic and continues to be the standard for much of the world today. Klarity White<sup>™</sup> has a fast set-up for a strong thermoplastic mask. Klarity White<sup>™</sup> is less sticky than other standard thermoplastics.

Strong Standard Shrinkage Molding Time: 45-60 seconds

Cooling Time: 8-10 minutes

#### Klarity LiteGreen<sup>™</sup>

Available for O-type and E-type masks

Klarity LiteGreen<sup>™</sup> is our preferred thermoplastic for 3- and 5-point systems. It is non- stick, so the edges can be pulled apart if they touch, and it drapes nicely for an incredibly easy molding experience. Klarity LiteGreen<sup>™</sup> is only available in 2.4mm with a microperforation pattern, which makes this mask stronger than other reinforced thermoplastic.

Stronger Less Shrinkage

Molding Time: **1-2 minutes** 

Cooling Time: 8-10 minutes

#### **Klarity Green®**

Available for S-type, U-frame, O-type, P-type, V-type, E-type, Proton Therapy, and Stereotactic masks

Klarity Green® is our best selling, signature thermoplastic and is our recommended thermoplastic for most applications. It has less shrinkage and is completely non-stick, so edges can be pulled apart if they connect. Klarity Green® features a slightly longer working-time (30 extra seconds). This means therapists don't have to rush and can create a more carefully molded mask, which allows for a more comfortable patient experience.

#### Stronger

Much Less Shrinkage

Molding Time: 2-3 minutes

Cooling Time: **10-12 minutes** 

#### Klarity Blue<sup>™</sup>

Available for SRS, S-type, and U-frame

Klarity Blue<sup>™</sup> is our strongest thermoplastic, and is ideal for high-precision applications. It also has the least amount of shrinkage. Our blue masks are the most rigid of any mask, with an extremely high resilience once molded and cooled. Klarity Blue<sup>™</sup> also sets up quickly, making this ideal for patients who need limited immobilization time, and the blue material drapes gently for smooth, highly accurate mask making.

#### Strongest

Least Shrinkage

Molding Time: 45-60 seconds

Cooling Time: **3-6 minutes** 



# Klarity SRS Masks

Compatible with the Qfix<sup>®</sup> Encompass<sup>™</sup> SRS Immobilization System



# Don't get stuck with your SRS System!

Klarity SRS Masks offer an extra strong thermoplastic mask set with removable shims at each pin location to maximize treatment accuracy and patient comfort.

Klarity SRS Masks are specifically designed to help achieve precise treatment accuracy for Stereotactic Radiosurgery. The twopiece mask system allows for both anterior and posterior support, while providing a Omm-4mm range of adjustment at each pin location. Our new Klarity Blue<sup>™</sup> thermoplastic creates a stronger, more rigid mask with increased stability for the most precise treatment setup.

Klarity's SRS masks come in Klarity Blue<sup>™</sup>, our premiere thermoplastic. Klarity Blue<sup>™</sup> is extremely strong with the highest level of rigidity.

Klarity Blue<sup>™</sup> is our most comfortable, most advanced thermoplastic, and has the least amount of shrinkage. Super smooth molding creates a beautiful, form-fitting mask. Klarity Blue<sup>™</sup> has a comfortable working time, yet cures quickly in 4-6 minutes for efficiency. Klarity Blue

# SRS Masks

Compatible with the Qfix<sup>®</sup> Encompass<sup>™</sup> SRS Immobilization System



#### RSG5-1636A

Blue SRS Head Mask Set Includes Posterior Mask, Extended OpenFace Anterior Mask, and Simple Shim System 3.2mm

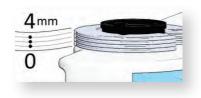
Each mask set sold individually

# Klarity. | SIMPLE SHIM SYSTEM<sup>™</sup>

Klarity SRS Masks are an extra-strong thermoplastic mask set that works with the Klarity Simple Shim System<sup>™</sup>.

The Simple Shim System<sup>™</sup> uses a familiar shimming concept to shim up or down in 1mm increments at each individual pin location. Shims can be added or removed to adjust the high between the posterior and anterior mask from 0mm (no shims) up to 4mm (4shims). The result is an intuitive shimming technique for secure, customizable treatment.





Smaller pin profile for less interference

OTHER

KLARITY

# S-type Masks Head



**RG460-4SHT** Green S-type Head Mask with AccuPerf<sup>™</sup>, 2.4 mm

**RG461-4SHT** Green S-type Head Mask with AccuPerf<sup>™</sup>, 3.2 mm



**R461-VT** Blue S-Type Head Mask 10% perforation 3.2mm



**R461SHT** White S-type Head Mask with 42% perforation, 3.2 mm



RG461-5SHT Green S-type Extended Head Mask with AccuPerf<sup>™</sup>, 3.2 mm

Klarity<sup>®</sup> S-type masks fit all S-type baseplates from Klarity and other manufacturers. See pages 6-29 for Klarity baseplates that are compatible with S-type masks.

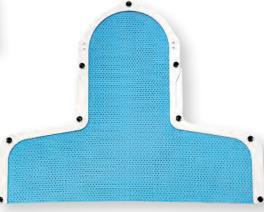


# S-type Masks Head & Shoulder



**RG460-4ST** Green S-type Head & Shoulder Mask with AccuPerf<sup>™</sup>, 2.4 mm

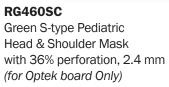
RG461-4ST Green S-type Head & Shoulder Mask with AccuPerf<sup>™</sup>, 3.2 mm



#### R461-VHT

Blue S-Type Head & Shoulder Mask 10% perforation, 3.2mm





**RG461SC** Green S-type Pediatric Head & Shoulder Mask with 42% perforation, 3.2 mm (for Optek board Only)



**R461ST** White S-type Head & Shoulder Mask with 42% perforation, 3.2 mm



# S-type Masks Open Face Head



RG461-8SHTEM Green S-type Open Eye & Mouth Head Mask with AccuPerf<sup>™</sup>, 3.2 mm



R461-5VHT Blue S-Type Open Eye & Mouth Head Mask with AccuPerf<sup>™</sup>, 3.2mm



**R461-8SHTF** White S-type OpenFace Head Mask with AccuPerf<sup>™</sup>, 3.2 mm



R471SH Blue S-Type OpenFace Extended Head Mask with AccuPerf<sup>™</sup>, 3.2mm

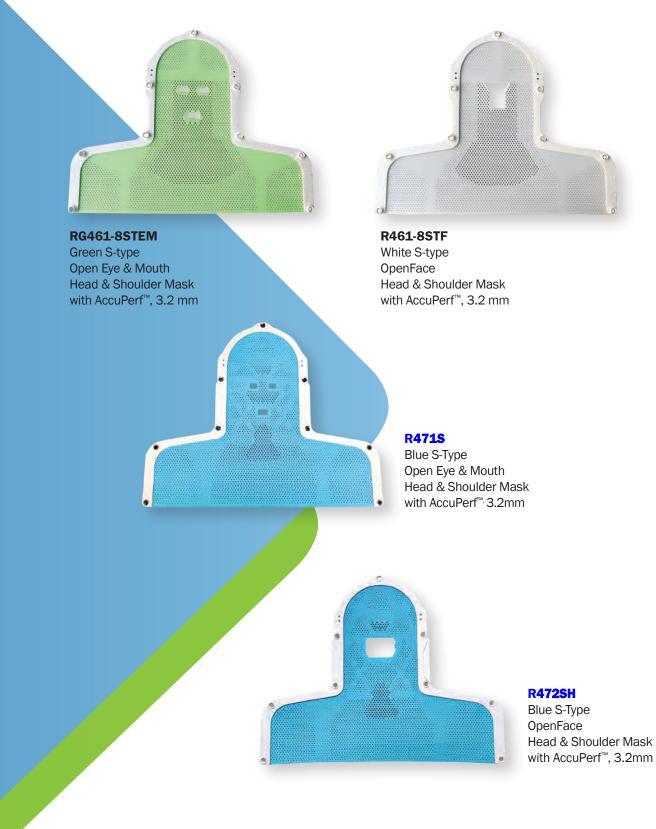


S-type Open Eye & Mouth Head Mask





# S-type Masks Open Face Head & Shoulder





# **ProfileFrame**<sup>™</sup>



**RG464-1W** Green ProfileFrame<sup>™</sup> Extended Head Mask with AccuPerf<sup>™</sup>, 3.2 mm



#### R420W

White ProfileFrame<sup>™</sup> Head Mask with 36% perforation, 2.4 mm

#### R430W

White ProfileFrame<sup>™</sup> Head Mask with 42% perforation, 3.2 mm

Klarity ProfileFrame<sup>™</sup> Masks fit all standard U-frame baseplates from Klarity and other manufacturers.



- Wider facial area than all other U-frame masks
- Strong, narrow frame
- Available in White, Green, and Blue thermoplastic
- Reinforced frame will not wiggle or warp



#### RG420W

Green ProfileFrame<sup>™</sup> Head Mask with 36% perforation, 2.4 mm

#### **RG430W**

Green ProfileFrame<sup>™</sup> Head Mask with 42% perforation, 3.2 mm



**RG420-1W** Green ProfileFrame<sup>™</sup> Head Mask with AccuPerf<sup>™</sup>, 2.4 mm

**RG430-1W** Green ProfileFrame<sup>™</sup> Head Mask with AccuPerf<sup>™</sup>, 3.2 mm



**R430WQ** Blue ProfileFrame<sup>™</sup> Head Mask 10% perforation, 3.2mm

# **ProfileFrame**<sup>™</sup>



#### R421W

White ProfileFrame<sup>™</sup> Extended Head Mask with 36% perforation, 2.4 mm

#### R431W

White ProfileFrame<sup>™</sup> Extended Head Mask with 42% perforation, 3.2 mm

profile Frame

Expanded U-frame width for lower mass and less attenuation.



#### RG422U

Green ProfileFrame<sup>™</sup> Extended Head Mask with 36% perforation, 2.4 mm

### **RG431U**

Green ProfileFrame<sup>™</sup> Extended Head Mask with 42% perforation, 3.2 mm



R431U Blue ProfileFrame<sup>™</sup> Extended Head Mask with 10% perforation, 3.2mm



# **U-frame Masks**

Klarity ContourFrame<sup>™</sup> and EzeFrame<sup>™</sup> are Klarity's most popular U-frame masks. Both feature molded thermoplastic with smooth surfaces and an exclusive round-edge neckline. ContourFrame<sup>™</sup> masks also have a reinforced nose area for extra support and a perforation pattern for easy breathing.

# U-Max<sup>™</sup> WideFace Masks



#### RG420E Green U-Max<sup>™</sup> WideFace Head Mask with 36% perforation, 2.4 mm

### **RG430E**

Green U-Max<sup>™</sup> WideFace Head Mask with 42% perforation, 3.2 mm



# ContourFrame™

### R450U

.

White ContourFrame<sup>™</sup> Head Mask with contour perforation, 2.4 mm

- Perforated patch pattern for easier breathing and greater facial comfort
- Comfortable rounded neckline

### EzeFrame™

### R430UC

White EzeFrame<sup>™</sup> Head Mask with 42% perforation, 3.2 mm

- Extremely strong and comfortable
- Smooth, molded surface
- Comfortable, rounded neckline



Klarity U-frame masks fit all standard U-frame baseplates from Klarity and other manufacturers. See pages 6-31 for Klarity baseplates that are compatible with U-frame Masks.



# Stereotactic Masks

Klarity offers stereotactic masks in both Klarity White<sup>™</sup> and Klarity Green<sup>®</sup> for BrainLAB Systems.



**RG406-1** Green Stereotactic Head Frame Mask Set, Type A

#### R406-1

White Stereotactic Head Frame Mask Set Type A (special order only)

- Noninvasive, flexible immobilization
- Economical stereotactic mask option
- Compatible with standard BrainLAB systems

**RG408-4AC** Green Stereotactic Head Frame Mask Set,

Type B

### R408

White Stereotactic Head Frame Mask Set Type B (special order only)

Each mask set contains front, middle, and rear masks, a support strip, and a packet of thermoplastic pellets.

### RG408-2

Green Stereotactic Head & Shoulder Frame Mask Set, Type B

### R408-2

White Stereotactic Head & Shoulder Frame Mask Set, Type B (special order only)

# **O-type Masks**

# Klarity<sup>®</sup> O-type 3-point Head Masks



**RDG105-24A** Green O-type 3-point Head Mask (with nose hole) with AccuPerf<sup>™</sup>, 2.4 mm

### RDG105-32A

Green O-type 3-point Head Mask (with nose hole) with AccuPerf<sup>™</sup>, 3.2 mm

RDLG207-2412C

(with nose hole)

2.4mm

LiteGreen<sup>™</sup> O-type 5-Point

Head & Shoulder Mask



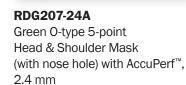
**RDLG105-2412C** LiteGreen<sup>™</sup> O-type 3-point Head Mask (with nose hole) with 12% perforation, 2.4 mm



**RDLG105-24AF** LiteGreen<sup>™</sup> O-type 3-point OpenFace Head Mask with AccuPerf<sup>™</sup>, 2.4 mm

LiteGreen<sup>™</sup> O-type Masks are made from a thinner material that is stronger than the thickest mask.





RDG207-32A

Green O-type 5-point Head & Shoulder Mask (with nose hole) with AccuPerf<sup>™</sup>, 3.2 mm



**RDLG207-24AF** LiteGreen<sup>™</sup> O-type 5-point OpenFace Head & Shoulder Mask with AccuPerf<sup>™</sup>, 2.4 mm



# **O-type Masks**



**RDG107-32A** Green O-type 3-point Rounded Head Mask (with nose hole) with AccuPerf<sup>™</sup>, 3.2 mm



**RDLG107-2412C** LiteGreen<sup>™</sup> O-type 3-point Rounded Head Mask (with nose hole) with 12% perforation, 2.4 mm



# O-type Pediatric Masks



**RDLG104-2412C** LiteGreen<sup>™</sup> O-type 3-point Pediatric Head Mask (with nose hole) with 12% perforation, 2.4 mm



### RDLG204-2412C LiteGreen<sup>™</sup> O-type 5-point Pediatric Head & Shoulder Mask (with nose hole) with 12% perforation, 2.4 mm

# **Testimonial:**

"The extra time to mold the masks on the patient makes for a better fitting and more comfortable mask."

Steve Rohrer, B.S. RT(T), OSU James Cancer Hospital, Columbus, Ohio



# P-type Masks

# Klarity<sup>®</sup> P-type Head Masks



**RG-PRT3-24A** Green P-type 3-point Head Mask (with nose hole) with AccuPerf<sup>™</sup>, 2.4 mm

#### **R-PRT3-2415** White P-type 3-point

Head Mask (with nose hole) with 15% perforation, 2.4 mm (special order only)

### R-PRT31-2436

White P-type 3-point Rounded Head Mask (with nose hole) with 15% perforation, 2.4 mm (special order only)

### "Klarity masks keep their form and have far less shrinkage than other masks."

- Steve Rohrer, B.S. RT(T), OSU James Cancer Hospital, Columbus, Ohio

> **R-PRT44-2415** White P-type 3-point Extended Head Mask (with nose hole) with 15% perforation, 2.4 mm (special order only)

Klarity<sup>®</sup> P-type masks fit all PosiFix-type baseplates from Klarity and Civco.



# P-type Masks

# Klarity<sup>®</sup> P-type Head & Shoulder Masks



**RG-PRT5-24A** Green P-type 5-point Head & Shoulder Mask (with nose hole) with AccuPerf<sup>™</sup>, 2.4 mm



**R-PRT5-2415** White P-type 5-point Head & Shoulder Mask (with nose hole) with 15% perforation, 2.4 mm (special order only)



**R-PRT56-2415** White P-type 4-point Head & Shoulder Mask (with nose hole) with 15% perforation, 2.4 mm (special order only)

# Klarity<sup>®</sup> P-type 2-point Head Masks



R-PR2-2422 White P-type 2-point Head Mask (with nose hole) with 15% perforation, 2.4 mm (special order only)



# E-type Masks

Klarity LiteGreen<sup>™</sup> masks for the Elekta Gamma Knife Icon<sup>™</sup> System, as well as masks for Elekta's Fraxion<sup>™</sup> and HeadSTEP<sup>™</sup> Systems.

# Masks for the Elekta Leksell Gamma Knife<sup>®</sup> Icon<sup>™</sup> System



RLG-ESH3-2412CN LiteGreen<sup>™</sup> E-type Icon<sup>™</sup> Head Mask with 12% perforation, 2.4 mm Compatible with: Klarity Cushions (page 60)

### Masks for Elekta Fraxion<sup>™</sup>



RLG-ESH1-2412C LiteGreen<sup>™</sup> E-type Fraxion<sup>™</sup> Head Mask with 12% perforation, 2.4 mm



RLG-ESH2-2412C LiteGreen<sup>™</sup> E-type Fraxion<sup>™</sup> Rounded Head Mask with 12% perforation, 2.4 mm

### Masks for Elekta HeadSTEP<sup>™</sup>



**RLG-ELH-2412CN** Green E-type HeadSTEP<sup>™</sup> Head Mask with 22% perforation, 2.0 mm

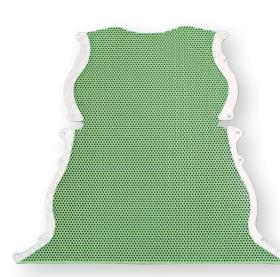


**RLG-ELS-2412CN** Green E-type HeadSTEP<sup>™</sup> Head & Shoulder Mask with 22% perforation, 2.0 mm



# **Proton Therapy Masks**

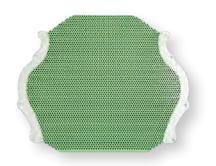
Klarity offers proton therapy masks that are compatible with the Qfix<sup>®</sup> BoS<sup>™</sup> system.



### Klarity is a leader in patient immobilization for proton therapy

Learn more at www.klaritymedical.com/proton-therapy

**RG-BSL-3242** Green Large Proton Therapy Head & Shoulder Mask with 42% perforation, 3.2 mm, 48 cm wide



**RG-BHM-3242** Green Medium Proton Therapy Head Mask 42% perforation, 3.2 mm, 34 cm wide



RG-BHM-3242F Green Pediatric Proton Therapy Head Mask with 35% perforation, 2.4mm, 24 cm wide **RG-BHS-3242** Green Small Proton Therapy Head Mask with 42% perforation, 3.2 mm, 28.5 cm wide



# V-type Masks

Klarity Green<sup>™</sup> V-type masks compatible with Versa-Bionix systems.

> Klarity<sup>®</sup> V-type Head Masks



**RG460-4VHT** Green V-type Head Mask with AccuPerf<sup>™</sup>, 2.4 mm

## Klarity<sup>®</sup> V-type Head & Shoulder Masks



RG460-4VT Green V-type Head & Shoulder Mask with AccuPerf<sup>™</sup>, 2.4 mm

# Testimonial:

"Klarity Green<sup>™</sup> masks are very easy to mold and ensure a rigid and stable positioning for a precise treatment."

Radiation Oncology Department, General Hospital, Lucerne, Switzerland

Compatible with Bionix VersaBoard<sup>™</sup> Systems

# MR

# **Breast & Pelvic Masks**

# **Testimonial:**

"Klarity supplies high-quality service, with a constant spirit of research and development."

Martial SCHOEN, Chef de Produit Orthopédie & Rééducation, Laboratoire Adhesia, Rennes, France

## **Breast & Torso Masks**

for the Klarity Supine Breast System R611-5SDCF

### R91-2436M

White Pelvic Mask with 36% perforation, 2.4 mm, 46x48 cm (special order only)

#### R-420WA

White Pelvic Mask with 42% perforation, 3.2 mm, 46x48 cm (special order only)

### R420WQ

White Pelvic Mask solid, 2.4 mm, 46x48 cm (special order only)

## **PelvicFix<sup>™</sup> Masks**

For the Klarity Pelvic Fix System R606-ACF and the Civco HipFix System

#### R902-1A

PelvicFix<sup>™</sup> Mask insert for reusable frame, solid, 2.4 mm, 46 x 56 cm (special order only)

#### R902-3A

PelvicFix<sup>™</sup> Mask insert for reusable frame with 42% perforation, 3.2 mm, 46 x 56 cm

### R902-7A

PelvicFix<sup>™</sup> Mask insert for reusable frame, solid, 3.2 mm, 46 x 56 cm (special order only)





# Klarity Cushions<sup>™</sup>

Klarity Cushions™ Head & Shoulder Klarity Cushions™ Accessories



# Advanced indexing tools for highly accurate, customized support.

Klarity Cushions<sup>™</sup> are advanced indexing tools that provide secure, customized head and neck support for patients. These cushions are made from low-density thermoplastic-based materials that become soft and pliable when heated in an oven or water bath. After heating, Klarity Cushions<sup>™</sup> offer warm and comforting support that has a calming effect on most patients.

Once cool, Klarity Cushions<sup>™</sup> become firm and rigid, ensuring excellent reproducibility and precise placement for highly accurate treatment. Klarity Cushions<sup>™</sup> can be used with Silverman headrests, and they also fit under thermoplastic masks to create 360-degree custom support and immobilization. Klarity Cushions<sup>™</sup> with extra-fill in the neck can be used without a Silverman headrest, enabling optimal cervical spine support and immobilization.

The inner cushion contains a proprietary mix of high-quality, lightweight polystyrene surrounded by a thin layer of thermoplastic. The soft and stretchable outer covering is made of simple nylon fabric. All Klarity Cushions<sup>™</sup>are 100% nontoxic, with minimal shrinkage and no odor. Klarity Cushions<sup>™</sup> are one-per-patient, but they can be reheated and reformed if needed.



- 100% nontoxic and odorless
- Can be reheated and reshaped
- Increased control of cervical spine area with low attenuation
- Comforting and calming for patients
- Preferred by therapists and clinics worldwide





# A Universal Klarity Cushion<sup>™</sup>



The Klarity U-Cushion<sup>™</sup> R550-CM1 23 x 30 cm

A small design innovation changes everything. Klarity's U-Cushion<sup>™</sup> provides all the benefits of the traditional Klarity Cushion<sup>™</sup> material in a design that is even easier to use. The curved top allows the therapist to contour the cushion to the patient with minimal adjustment. This eliminates the need to tuck away corners and enables the mask frame to come down evenly and securely. The U-Cushion<sup>™</sup> indexes to both the crown of the head and the Silverman headrest, reducing pitch and providing even greater precision.



The R550-U3 Klarity Cushion<sup>™</sup> has the same rounded shape and easy moldability of our standard U-Cushion<sup>™</sup>, but in a slightly larger size. The additional length of this Klarity Cushion<sup>™</sup> is excellent for deeper headrests or for customized positioning.





R550-CST

23 x 35 cm

R550-CM2 23 x 30 cm

The R550-U2 has the same rounded top, but with extra fill in the neck. This allows the cushion to be indexed without a silverman. It can also be used to provide custom pitch, and works well with deeper head cups that require thicker cushioning under the neck.



### Best-selling standard size!



### R550-M

20 x 25 cm

Our standard Klarity Cushion<sup>™</sup>. Designed to be used with a Silverman headrest, the R550-M cushion is our most popular size and is best suited for standard head and neck support.

#### **R550-M1** 23 x 30 cm

This Klarity Cushion<sup>™</sup> has a slightly wider

base of support for greater support under the head and neck as well as improved indexing. The M1 works well on the Q headrest or a standard Silverman headrest.

### R550-M3

23 x 35 cm

The M3 Klarity Cushion<sup>™</sup> is slightly wider and longer than other standard Klarity Cushions<sup>™</sup>, making it ideal for use with deeper headrests. The M3 works well in situations requiring customized tilt and pitch of the head and neck.







### R550-S

#### 15 x 20 cm

A smaller version of the R550-M, this small cushion is appropriate for patients with smaller head sizes, including pediatric and adolescent patients.

#### **R550-L** 20 x 40 cm

The R550-L is a long, versatile Klarity Cushion<sup>™</sup> that offers multiple types of custom support. It can be used to mold around the arm and wrist as well as other extremities that require customized positioning. This cushion can also be used under the head and neck with a standard Silverman headrest, providing a long line of support that extends from the C-spine to the crown of the head.



**R550-L2** 40 x 60 cm

Our largest Klarity Cushion<sup>™</sup> adapts well in situations requiring a large support base. The cushion can be molded around the extremities, or it can be used for full-torso support or extra pelvic cushioning.



# Head & Shoulder Klarity Cushions

# Comprehensive support for head, neck, and shoulder stabilization

Head & Shoulder Klarity Cushions<sup>™</sup> are an ultra-precise method for stereotactic, cranial, C-spine, and shoulder immobilization where sub-millimeter margins are required. Head & Shoulder Klarity Cushions<sup>™</sup> create cranial support with additional shoulder suppression. They are also available with additional fill in the neck for custom immobilization without the need for a headrest. Multiple sizes and dimensions are available for various degrees of cranial support.

Additional tools are available for easy molding, including the Shell Mold, for holding the cushion in place as it cools, and cleanable Velcro straps, offering therapists assistance in forming the cushion to the patient's contours. Once the Klarity Cushion<sup>™</sup> cools, a thermoplastic mask can be placed on top, creating a fully encompassing, rigid support system.

### R550-T

#### 46 x 41 cm

The Head & Shoulder Klarity Cushion<sup>™</sup> provides the same head and neck support as the standard Klarity Cushion<sup>™</sup>, but it also extends down to sit underneath the scapula and wraps up over the shoulders for custom shoulder suppression. The R550-T fits over a Silverman headrest, and for optimal reproducibility, it should be used with a Head & Shoulder Mask.



#### R550-**S**2

46 x 41 cm

With extra fill in the neck area, the R550-T2 is ideal for situations requiring customized tilt and pitch of the head and neck, or when a large amount of build-up is needed under the C-spine. The T2 is designed for use without a Silverman headrest and indexes directly to the overlay or baseplate.





#### **R550-S2T** 46 x 46 cm

The R550-TL provides the same head and neck support as the R550-T, but extends further under the patient's back. This cushion sits underneath the scapula and wraps over the top of the shoulders. For optimal reproducibility, it should be used with a Head & Shoulder Mask.



# **R550-T2L** 46 x 46 cm

The R550-T2L offers even more customized support. The cushion sits under the scapula and wraps up over the shoulders to create more fully encompassing support around the neck and shoulders. The T2L contains extra fill in the neck and indexes directly to the overlay or baseplate.

# Head & Shoulder Klarity Cushions



The H1 is a fully encompassing head-only cushion that creates a shell around the head. This cushion is designed for use with a Silverman headrest, and functions best when molded with the Klarity Shell Mold. The H1 is ideal for situations that require full, 360-degree circumferential immobilization, where support is needed up to the crown of the head.

### R550-HS2L

46 x 50 cm

The HS2L is Klarity's most comprehensive Klarity Cushion<sup>™</sup>. Designed for use without a Silverman headrest, this cushion indexes directly to the baseplate or overlay. The extra fill in the neck allows for custom positioning for precise tilt and pitch. The sides of the HS2L can wrap up and around the sides and crown of the head, creating a 360-degree shell around the patient. For optimal reproducibility, it should be used with a Head & Shoulder Mask.

### Pediatric Klarity Cushion™



**R550-P** 28 x 36 cm

The R550-P is a smaller-sized Head & Shoulder Klarity Cushion<sup>™</sup> that offers customized support and immobilization for pediatric patients. For optimal reproducibility, it should be used with a Head & Shoulder Mask.



# Specialty Klarity Cushions

### Klarity Cushion<sup>®</sup> for Leksell Gamma Knife<sup>®</sup> Icon<sup>®</sup> System



**R550-CEL** 17.5 x 35 cm

Designed for Elekta's Gamma Knife<sup>®</sup> Icon<sup>™</sup> system, the Icon Klarity Cushion<sup>™</sup> should be used with an Icon mask to provide precise fixation and comfortable support.

### Klarity Cushions<sup>®</sup> for Proton Therapy



### R550-CB

48 x 63 cm

The R550-BOS3 is a precise silhouette to provide comfortable, customized support for the head, neck, and C-spine. The BOS3 can be used with both Head-Only Masks and Head & Shoulder Masks.



**R550-B0S** 46 x 45 cm

The R550-BOS features an extended head portion to fit into the head cup, and the extra fill in the neck area allows for customized support around the C-spine. The cushion wraps up over the shoulders to provide comfortable but firm shoulder suppression. When used with a Head & Shoulder Mask, this cushion enables indexing for the whole chest and shoulder girdle.



R550-S1

10 x 16 cm

The smallest of our Klarity Cushions<sup>™</sup>, the R550-S1 provides head-cup cushioning. It can also be used in unique situations that require custom indexing.



# Tools and acccessories for Klarity Cushions™

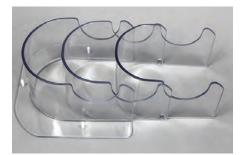


Устройство специальное для крепления фиксирующих приспособлений к терапевтическому столу Cleanable Strap Set

The cleanable strap set is a positioning aid that makes it easier for a single therapist to mold a Klarity Cushion<sup>™</sup>. The straps are made from a comfortable and stretchable material that is easy to clean. Velcro strips attach to the Klarity Cushion<sup>™</sup> and sides of the couch, providing comfortable but firm suppression during setup.

Straps are used for setup only and should be removed before treatment. Each strap comes with the following:

- Two 2 x 60 in straps
- Two 6 x 60 in straps
- · Two adhesive tabs for the couch



Klarity Shell Mold (3 sizes)

Устройство специальное для крепления фиксирующих приспособлений к терапевтическому столу

S-type and U-frame O-type Klarity MultiFix<sup>™</sup> Baseplate

The Klarity Shell Mold is a reusable frame for molding the H1 and HS2L Klarity Cushions<sup>™</sup>. Once the cushion cools within the frame, the Shell Mold should be removed before using a mask. Includes three head sizes for each frame type.



# Vacuum Bags

# Klarity Vacuum Bags

The Klarity Vacuum Bag: a stronger, more durable vacuum bag that's fully MR Safe

Klarity Vacuum Bags are ultra-strong and durable, made of an impermeable nylon shell to help prevent punctures and tears. All vacuum bags are airtight, leak-proof, and filled with low-density mini-spheres made from polystyrene. A corner grommet allows for easy storage. All Klarity Vacuum Bags are available with or without built-in indexing bars.

Klarity Vacuum Bags are designed for long-term, multi-patient use. The nylon shell can be easily cleaned between patients. Our vacuum bags also come with replacable valves, and all bags can be equiped with valves to fit all standard vacuum pumps. Please specify valve type when requesting a quote.



**R7407-30C** Vacuum Bag for Pelvic Support (25 x 25 cm, center cut) 30-liter fill 100 x 70 cm



**R7505-30C** Vacuum Bag for Body Support 30-liter fill 100 x 80 cm

- Designed for long-term multi-patient use
- Fully MR Safe
- Strong, durable nylon shell to prevent punctures and tears
- Leak-proof and airtight
- Available with valves to fit all standard vacuum pumps





**R7504-35C** Vacuum Bag for Body Support, 35 liter fill 100 x 70 cm



WingSpan<sup>™</sup> Vacuum Bag

R7626-20C



# Vacuum Bags

Klarity Vacuum Bags are available in the following sizes and specifications. All bags can be ordered with an indexing bar. Please specify valve type when requesting a quote. Inquire directly for custom sizes.

R7100-01C	Vacuum Bag for Head Support	1-liter fill	20 x 25 cm
R7101-03C	Vacuum Bag for Head Support	3-liter fill	30 x 40 cm
R7106-2.25C	Vacuum Bag for Head Support	2.25-liter fill	25 x 50 cm
		5-liter fill	
R7200-05C	Vacuum Bag for Head & Shoulder Support		50 x 70 cm
R7301-15C	Vacuum Bag for Breast Support	15-liter fill	50 x 70 cm
R7406-21C	Vacuum Bag for Upper Body Support	20-liter fill	58.5 x 90 cm
R7202-09C	Vacuum Bag for Head & Shoulder Support	9-liter fill	67 x 62 cm
R7401-20C	Vacuum Bag for Body Support	20-liter fill	70 x 70 cm
RC7 <b>301</b> -15 <b>K</b>	Vacuum Bag for Body Support	17.5-liter fill	100 x 70 cm
R7504-30C	Vacuum Bag for Body Support	30-liter fill	100 x 70 cm
R7504-35C	Vacuum Bag for Body Support	35-liter fill	100 x 70 cm
R7504-35BC	Vacuum Bag for Body Support with indexing bar	35-liter fill	100 x 70 cm
R7407-30C	Vacuum Bag for Pelvic Support (25 x 25 cm Center Cut)	30-liter fill	100 x 70 cm
R7505-30C	Vacuum Bag for Body Support	30-liter fill	100 x 80 cm
R7506-40C	Vacuum Bag for Body Support	40-liter fill	100 x 100 cm
R7626-20C	WingSpan <sup>™</sup> Vacuum Bag	20-liter fill	104 x 53 cm
R7 <b>407</b> -30K	Vacuum Bag for Body Support	30-liter fill	120 x 70 cm
R7504-30K	Vacuum Bag for Body Support	30-liter fill	150 x 75 cm
R7540-60C	Vacuum Bag for Body Support	60-liter fill	150 x 75 cm
R7512-55C	Vacuum Bag for Body Support	55-liter fill	150 x 80 cm
R7 <b>215</b> -35BC	SBRT Vacuum Bag for Body Support with indexing bar	32.5-liter fill	136.5 x 90 cm
RC7 <b>406</b> -2 <b>1</b>	Vacuum Bag for Body Support with indexing bar	25-liter fill	138 x 87 cm
R7509-75C	Vacuum Bag for Body Support	75-liter fill	150 x 100 cm
RC7215-35B	Vacuum Bag for Body Support with indexing bar	35-liter fill	170 x 60 cm
R7524-120C	Vacuum Bag for Body Support	120-liter fill	200 x 100 cm



# Vacuum Bag Accessories



#### KVP-500

Klarity Vacuum Pump Electric Vacuum/Pressure Pump, 110V dual function, oil free. Includes AirSwith, 2 valves, and 2 self-retracting vacuum tubes that are 3 m (10 ft) in length.

**KSC-3** (3 shelves) Klarity Storage Cart 45.7 x 121.9 x 182.8 cm

Metal storage cart for convenient vacuum bag storage.

The cart can hold up to 227 kg (500 lbs) and comes on locking wheels. The wire shelves are adjustable (no tools required), and the cart comes with 3 shelves for customized storage. Vacuum bag grommets fit easily on movable metal rungs.



### KVP-100

Klarity AirSwitch<sup>™</sup> handheld vacuum pump control switch

The simple, one-handed operation provides quick-change airflow with the flick of a switch. The lightweight switch has three settings— In, Hold, and Out—for precise bag adjustments. Comes with a durable two-channel hose.

The AirSwitch<sup>™</sup> attaches to your existing vacuum pump and is available for all vacuum bag types and connector valves. Please specify current pump type when ordering.

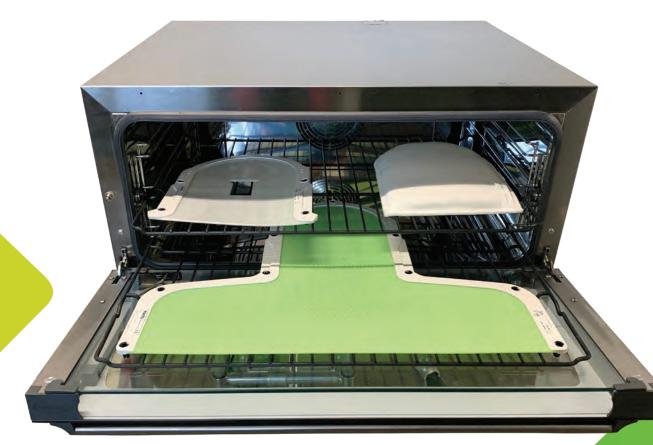








The Klarity AirFlow<sup>™</sup> Oven: efficient dry-heat technology to optimize workflow and maximize safety



# AirFlow<sup>™</sup>

Klarity AirFlow<sup>™</sup> Oven (110V)

Outer dimensions: 31.5w x 34.5d x 16h in (80w x 88d x 41h cm) Inner dimensions: 25w x 19d x10.5h in (64w x 48d x 27h cm) Weight: 40 kg (88 lbs)

The Klairty AirFlow<sup>™</sup> Oven is the most efficient oven available. The AirFlow<sup>™</sup> heats to 165 °F in under ten minutes and prepares masks in 3–5 minutes. Double racks allow for multiple thermoplastic devices to be heated at the same time.

• Warms up quickly

- Nonstick surface
- Easy to clean

## **Klarity Ovens**

Klarity ovens harness the power of dry heat to provide an efficient, easyto-use method for preparing all standard masks, Klarity Cushions<sup>™</sup>, and other thermoplastic devices. Klarity ovens are efficient and effective. Not only do they transform therapist's workflow, but they also ensure a safer, more comfortable patient experience.

The Klarity AirFlow<sup>™</sup> Oven is the fastest oven available today. Upon startup, the AirFlow<sup>™</sup> automatically heats to 165°F in under ten minutes. The simple digital interface also allows the user to adjust the temperature manually. The oven's high-powered fan makes it possible to prepare masks in as little as 3–5 minutes. Klarity Cushions<sup>™</sup> take approximately 10–12 minutes to prepare.

With its double racks, the AirFlow<sup>™</sup> is designed to fit multiple thermoplastic devices at once, including head & shoulder masks. The racks have a nonstick Teflon coating, which means that thermoplastic devices can be placed on them directly for no-fuss preparation. The AirFlow<sup>™</sup> is also equipped with a double-pane glass door that makes it easy to determine when devices are fully heated. When they come out of the oven, devices are completely dry and ready to be formed.

In addition to its impressive functionality, the AirFlow<sup>™</sup> is easy to clean; the oven interior can be wiped down thoroughly in minutes. The oven does not require any auxiliary equipment, so it saves space in simulation and treatment rooms. When placed on Klarity's stainless steel AirFlow<sup>™</sup> cart, the oven also becomes mobile.

The Klarity AirFlow<sup>™</sup> Oven offers the best in dry-heat technology for the preparation of thermoplastics.

# Klarity Ovens



#### **RG-3242**

Stainless Steel AirFlow<sup>™</sup> Oven Cart

The Klarity Stainless Steel AirFlow<sup>™</sup> Oven Cart is a sturdy and flexible option for oven placement. The stainless steel cart is easy to assemble, secure, and durable. It supports the Klarity AirFlow<sup>™</sup> Oven and comes with an additional shelf for storage.

Weight: 22.6 kg (50 lbs) Outer dimensions: 91.5w x 76d x 71h cm (36w x 30d x 28h in)



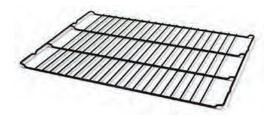
#### **RG-3200**

AirFlow<sup>™</sup> CounterMount

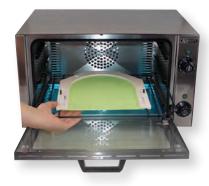


The AirFlow<sup>™</sup> CounterMount is a space-saving countertop extender for the AirFlow oven. The two HDPE plastic bars attach to your existing countertop and extend off the edge to support the oven feet. The AirFlow<sup>™</sup> CounterMount comes with a template for installation, all hardware, and two lengths of bolts for different countertop thicknesses.

Each mount is 7.6w x 66d x 2.5h cm (3w x 26d x1h in)



RG-2022A Supplemental Teflon-coated oven rack for Klarity AirFlow<sup>™</sup> Ovens



#### **RG-2436**

Mini

Klarity Mini Oven

The Klarity Mini Oven is a convenient option for headonly masks. The Mini Oven heats head-only masks, small bolus, and other thermoplastics.

Outer dimensions:  $53 \times 48 \times 33 \text{ cm} (21 \times 19 \times 13 \text{ in})$ Inner dimensions:  $38 \times 30.5 \times 25 \text{ cm} (15 \times 12 \times 10 \text{ in})$ Weight: 15.5 kg (34 lbs)

## Working with Dry Heat

Many years ago, Klarity pioneered the use of dry-heat technology for the fabrication of customized thermoplastic devices. Today, we strongly believe it to be the best-available method for preparing all standard thermoplastic masks, Klarity Cushions<sup>™</sup>, and bolus materials (in both sheet and pellet forms). Not only are dry-heat systems extraordinarily efficient; they are also safer and more comfortable for patients. The result is a superior heating method that renders water baths obsolete.

Dry-heat technology responds to three major needs in modern radiation therapy: efficiency, safety, and comfort. Ovens perform better than water baths in all three areas. With respect to efficiency, ovens come to temperature much faster than water baths and heat thermoplastic devices rapidly. When using dry heat, thermoplastic devices can also move straight from the oven to the patient, eliminating the need to shake or towel dry them. With respect to safety, replacing hot water with dry heat reduces cross-contamination and mitigates the risk of bacterial infection. Finally, with respect to comfort, most patients find a warm, dry mask much more pleasant than a hot, wet mask.

Dry-heat ovens exceed water baths in all aspects of performance, making therapists' lives easier and ensuring patient safety and comfort.

#### Learn more about dry-heat technology at www.klaritymedical.com/ovenfaq

#### Water Baths and Bacterial Risk

In recent years, the case for dry heat has found increased support from a number of scientific studies that have determined water baths and other heating appliances to be potential reservoirs of dangerous microorganisms. As Brewer, Ravine, and Bru (2014) discuss in their 2014 article published in *Radiation Therapist*, water baths are easily contaminated by bacteria from both gloved and cleaned hands as well as by environmental microorganisms. The use of such appliances therefore increases the risk for bacterial infection, and particularly among special patient populations with impaired immunity response. Brewer, Ravine, and Bru also found that most of the water baths used for the preparation of thermoplastic devices were not specifically designed for that purpose. For these reasons, the use of water baths requires a great deal of care on the part of the radiation therapist in order to break the chain of infection. Dry-heat technology offers a promising alternative for mitigating bacterial risk.

Brewer PS, Ravine TJ, Bru SE. Risk of patient infection from heating appliances used to produce thermoplastic immobilization devices. *Radiation Therapist.* 2014;23(2):125–35.



# Accessories

BiteLok® Indexing Bars Head Supports Bolus SureMark® Steritatt



- Easily breathable mouthpiece
- Indexes to mask
- Removable for easy cleaning
- Smaller profile for better patient comfort
- Optional Tongue Depressor and Tongue Diverter

The BiteLok is made of a rigid, breathable mouthpiece and indexes to the patient's mouth using fast-setting dental putty. No water or warming is needed to activate the putty. Once the BiteLok is indexed to the patient's mouth, a thermoplastic mask is placed overtop. While the mask is still warm, a handsfree Quickfit tool forms the mask around the edges of the BiteLok mouthpiece. The result is a secure, reproducible mouthpiece that indexes to both patient and mask, that can also be removed for cleaning.

The Klarity BiteLok features a smaller profile than any other mouthpiece, and the wide airway passage allows for better breathability. The BiteLok is a comfortable size for most patients, even those with smaller mouths. The BiteLok is a significant advancement in comfortable, accurate positioning for head and neck treatments.

# **BiteLok Kit**

Устройство специальное BiteLok Kit

The BiteLok Kit comes as a complete package with all tongue placement options included.

The kit contains:

- BiteLok
- Two Putty Packets
- QuickFit Tool
- Short and Long Tongue Depressors
- Right and Left Tongue Diverters
- Tongue Device Removal Tool

5 BiteLok® Kits/Case



QuickFit tool indexing a thermoplastic mask over the BiteLok

\*US and International patents pending

## **BiteLok**



Устройство специальное BiteLok

The BiteLok can be orderd separately. The simplified BiteLok package contains:

- BiteLok
- One Putty Packets
- QuickFit Tool

5 BiteLok Kits/Case

# **Tongue Placement Kit**



#### **Tongue Diverter**



Optional tongue depressors and diverters allow for additional conformability and stabilization. Once the mask has fully cured, the BiteLok can be removed from the mask by pushing the corner of the mask inward to release the mouthpiece.

#### Устройство специальное

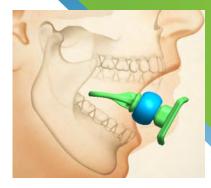
Tongue Placement Accessory Kit

The BiteLok can be equipped with a tongue depressor or diverter for additional mouth placement options. The depressors and diverters securely snap into the BiteLok, and can be removed with a tongue device removal tool (included in the kit).

The Tongue Placement Accessory Kit contains:

- Short and Long Tongue Depressors
- Right and Left Tongue Diverters
- Tongue Device Removal Tool

5 Tongue Placement Accessory Kits/Case











#### Turn-Lock Indexing Bars RE-13

Turn-Lock Aluminum Indexing Bar for Exact<sup>™</sup> Couch Top



#### Press-Lock Indexing Bars RE-6

Press-Lock Aluminum Indexing Bar for Exact<sup>™</sup> Couch Top



#### Insert-Lock Indexing Bars RE-630E

Insert-Lock Aluminum Indexing Bar for  $iBEAM^{\circledast},$  Novalis, and TomoTherapy  $\ensuremath{\mathbb{R}}$  Couch Tops



## C-Lock Indexing Bar RE-6B

C-Lock Aluminum Indexing bar for Civco GE CT Couch Top



# Insert-Lock Indexing Bars for the Klarity Optek<sup>™</sup> Overlay

#### RE-630EA

Aluminum Insert-Lock Indexing Bar for Klarity  $\mathsf{Optek}^{\texttt{\tiny M}}$  Overlay for Elekta Couch Top



# Turn-Lock Indexing Bars for the Klarity Optek<sup>™</sup> Overlay

#### RE-7E

Aluminum Turn-Lock Indexing Bar for Klarity  $\mathsf{Optek}^{\texttt{\tiny M}}$  Overlay for Varian Couch Top



## **Universal Indexing Bar**

**RE-6E** Universal Aluminum Indexing Bar for all Couch Tops

# **Sheets and Bolus**

## Klarity<sup>®</sup> Thermoplastic Sheets

Klarity low-temperature thermoplastic material is designed specifically for radiation therapy. It softens in a water bath or in a dry-heat oven and molds quickly to facilitate treatment. It provides sufficient setup time for the therapist, and simply reheating the thermoplastic will allow for any necessary modifications.

## Klarity<sup>®</sup> EZ Bolus<sup>™</sup> Thermoplastic Bolus in sheets and pellets

Available in sheets and pellet form, EZ Bolus<sup>™</sup> is designed as an aid for skin sparing and treating irregular contours or locations. After heating to about 150°F (65°C), EZ Bolus is simple to manipulate and shape by hand, ideal for eliminating air gaps. Dosimetric properties are the same as conventional mask thermoplastics.



#### EZ Bolus<sup>™</sup> Sheets:

Half Sheets are 18x24in (460x610mm). Full Sheets are 24x36in (920x610mm)

#### Solid

R-1600A Klarity White<sup>™</sup> 1.6mm Half Sheet
R-3200A Klarity White<sup>™</sup> 3.2mm Half Sheet
R-2000 Klarity White<sup>™</sup> 3.2mm Full Sheet

#### **1% Perforation**

R-2000A Klarity White<sup>™</sup> 3.2mm Half SheetR-2015A Klarity White<sup>™</sup> 3.2mm Full Sheet

#### **36% Perforation**

**R-2436A** Klarity White<sup>™</sup> 2.4mm Half Sheet**R-2436** Klarity White<sup>™</sup> 2.4mm Full Sheet

#### 42% Perforation

**R-3242A** Klarity White<sup>™</sup> 3.2mm Half Sheet**R-3242** Klarity White<sup>™</sup> 3.2mm Full Sheet

#### EZ Bolus<sup>™</sup> Pellets

**R-601** Klarity EZ Bolus<sup>™</sup> Thermoplastic Pellets 1lb jar **R-603** Klarity EZ Bolus<sup>™</sup> Thermoplastic Pellets 3lb jar



# Sheets and Bolus

## Bolx I<sup>™</sup> and Bolx II<sup>™</sup>

Bolx I and Bolx II are flexible build-up tissue equivalents. Both are designed to increase the surface dose, and both offer excellent conformity to body contours.

Both Bolx I and II are made of a cured transparent gel. Bolx I is encased in a layer of polyethylene skin. Bolx II is skinless and is intended for single-patient use.

#### Bolx I<sup>™</sup> Bolus Material (with polyethylene skin)

KA31052 Bolx | Sheet, 30 x 30 x 0.5 cm
KA31102 Bolx | Sheet, 30 x 30 x 1 cm
KA31152 Bolx | Sheet, 30 x 30 x 1.5 cm
KA31202 Bolx | Sheet, 30 x 30 x 2 cm

#### Bolx II<sup>™</sup> Bolus Material (without skin)

 KA32052
 Bolx II Sheet, 30 x 30 x 0.5 cm

 KA32102
 Bolx II Sheet, 30 x 30 x 1 cm

 KA32152
 Bolx II Sheet, 30 x 30 x 1.5 cm

 KA32202
 Bolx II Sheet, 30 x 30 x 2 cm

# Head Supports

# **Carbon Fiber Head Support**

Опоры для головы из углеродного волокна подходят для различных типов столешниц и диванов. Их можно заказать индивидуально или по шесть штук для разной высоты. Головка из углеродного волокна Поддерживает индекс стандартных штифтов silverman и может использоваться с любой базовой пластиной, в которой используются стандартные штифты silverman. Углеродное волокно очень прочное и легкое. R501-B Carbon Fiber Head Support Set of 6
R501-1 Carbon Fiber Head Support A
R501-2 Carbon Fiber Head Support B
R501-A Carbon Fiber Head Support C
R501-C Carbon Fiber Head Support D
R501-D Carbon Fiber Head Support E
R501-E Carbon Fiber Head Support F



# Silverman Head Support



Прозрачные опоры для головы Silverman подходят для различных типов столешниц и диванов. Подголовники Silverman продаются индивидуально или в комплекте из шести штук с шестью разной высотой для настройки.





R507 Silverman Head Support Set of 6
R507-A Silverman Head Support A
R507-B Silverman Head Support B
R507-C Silverman Head Support C
R507-D Silverman Head Support D
R507-E Silverman Head Support E
R507-F Silverman Head Support F

# SureMark<sup>®</sup>

# SureMark<sup>®</sup> Precision Skin Marking Systems



Фиксатор специальный

Klarity предлагает полную линейку этикеток и маркеров SureMark®, включая неметаллические, полупрозрачные и жидкие реперные маркеры. Пожалуйста, посетите

www.klaritymedical.com/suremark, чтобы увидеть полную информацию о наличии этикеток SureMark®.



# Steritatt

Klarity предлагает SteriTatt, первое медицинское маркировочное устройство, созданное специально для лучевой терапии. Это одноразовое решение обеспечивает прецизионную обработку и содержит стерильные, нетоксичные чернила с низким уровнем аллергии.

#### Фиксатор специальный

SteriTatt Black Ink Cartridge 25 per box SteriTatt Black Ink Cartridge with Needle 25 per box SteriTatt Pink Ink Cartridge 25 per box SteriTatt Black Ink Dropper. 3CC. 10 droppers per box





# Klarity

## Contact

For more information or to place an order, please contact your sales representative:

Klarity 600 Industrial Parkway Heath, OH 43056

Toll-free: 877-599-8905 Tel: 740-788-8107 Fax: 740-788-8109

sales@klaritymedical.com