

POSITIONING & IMMOBILIZATION PRODUCTS

COUCH TABLE PADS



T-Foam: A premium pressure management foam that ends patient discomfort during long procedures.

Density: 0.080 gm/cm³

Polyfoam: High density foam that is supportive and comfortable for use in short duration procedures.

Density: 0.0288 gm/cm³

Color: Blue

Covering: Non-slip, long wearing nylon - water resistant seams.

Item #	Description	Size
190-719	T-Foam Table Pad	19" x 77" x 1 1/2"
190-724	T-Foam Table Pad	24" x 77" x 1 1/2"
192-219	Polyfoam Treatment Table Pad	19" x 72" x 1"
192-224	Polyfoam Treatment Table Pad	24" x 72" x 1"

Custom Sizes are Available

SMOOTH MOVER™ PATIENT MOVER



The Smooth-Mover™ Patient Mover is an economical ultra smooth patented board which is capable of safely moving even extremely large patients with minimal staffing requirements. It is radio-translucent and can be left in place during x-ray procedures. It is lightweight, yet durable. Perfect for daily patient moving needs.

Specifications

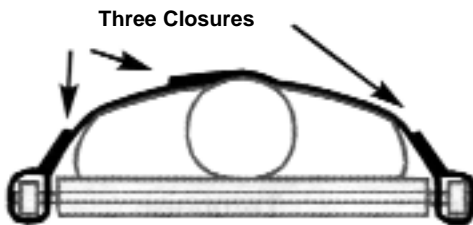
Dimensions: 3/16" x 22" x 72" (0.5 x 56 x 183 cm)

Weight: 9 lb (4.1 kg)

Color: Royal Blue

Item #	Description
268-000	Smooth Mover™ Patient Mover
268-030	Wall Hanger for Smooth-Mover™ Patient Mover
268-105	Cleaner/Static Remover Spray for Smooth-Mover™

UNIVERSAL STRAPS



The two piece side rail Universal Straps are strong, durable and flexible. The end of each strap loops around the side rails and fastens to itself with a powerful new Velcro® hook. The two free ends are then overlapped onto one another to complete the strap. The Universal Straps will fit tables 18 - 30" wide.

Item #	Description	Width	Length
253-202	Universal Straps	2"	40"
253-204	Universal Straps	4"	40"

I.V. POLE

Attaches To The Treatment Couch Rails



The I.V. Pole has an adjustable locking ring to prevent the post from dropping if the rail holder loosens. Rail block must be ordered separately.

Specifications

Material: Stainless Steel

Length: 48"

Hooks: 2 ram horn type hooks

Mount: Rail accessory or RPD accessory rail blocks

Item #	Description
255-302	I.V. Pole, Varian, Post Size: 3/4" Dia. x 48" L
255-303	I.V. Pole, Siemens, Post Size: 5/8" Dia. x 48" L
255-290	Rail Block, Varian, Rail Size: 0.375" x 1 1/8"
255-291	Rail Block, Siemens, Rail Size: 0.375" x 1"
255-292	Rail Block, Philips, State Rail Size
255-293	Rail Block, Oldelft, State Rail Size
255-294	Rail Block, Theratron-Equinox 0.250" x 1"

Other Manufacturers Available

POSITIONING & IMMOBILIZATION PRODUCTS

ADJUSTABLE KNEE CRUTCHES

Attach To The Treatment Couch Rails



The aluminum Adjustable Knee Crutches are covered with 3/16" beige, vinyl material. The Knee Crutch rotates to ensure patient comfort and a locking handle then secures the crutch in place.

The heavy duty steel post provides sturdiness and has an adjustable locking ring to prevent the post from dropping if the rail holder loosens. Rail block must be ordered separately.

Item #	Description
255-201	Knee Crutches, Varian, Post Size: 3/4" Dia.
255-220	Knee Crutches, Siemens, Post Size: 5/8" Dia.
255-230	Knee Crutches, Philips, Post Size: 5/8" Dia.
255-290	Rail Block, Varian, Rail Size: 0.375" x 1 1/8"
255-291	Rail Block, Siemens, Rail Size: 0.375" x 1"
255-292	Rail Block, Philips, State Rail Size
255-293	Rail Block, Oldelft, State Rail Size
255-294	Rail Block, Theratron-Equinox 0.250" x 1"

Other Manufacturers Available

ARM BOARD / COUCH WIDTH EXTENDER

For Attaching to Treatment Couch Rail



This clear lexan Arm Board (1/2" x 5" x 19") attaches to the treatment or simulator couch side rail and is used to support the arm or shoulder.

Item #	Description
255-002	Varian Spine Style Arm Board
255-003	Varian ETR Style Arm Board
255-008	Varian Ximatron Arm Board
255-020	Siemens Z-II Arm Board
255-022	Siemens Z-IV or Z-XT Arm Board
255-024	Siemens Mevasim "S" Arm Board
255-027	Siemens TEM Simulator Arm Board
255-030	Philips SL75 or SL25 Arm Board
255-060	Oldelft Simulator Arm Board

Other Manufacturers Available

HAND GRIPS

Attach To Treatment Couch Rails

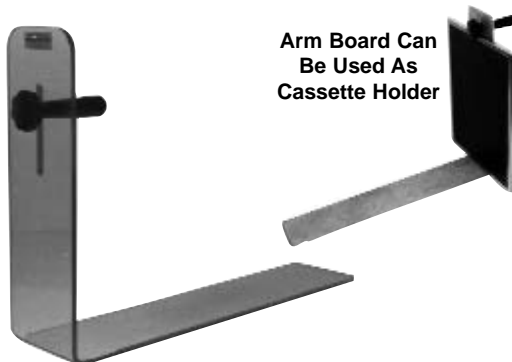


Item #	Description
255-101	Varian Hand Grips
255-120	Siemens Hand Grips
255-122	Siemens Mevasim "S" Hand Grips
255-130	Philips Hand Grips
255-160	Oldelft Hand Grips

Other Manufacturers Available

ARM BOARDS

Aluminum and Lexan



Arm Board Can Be Used As Cassette Holder

The Aluminum Arm Board is constructed of 3/16" aluminum. The arm rest is 5 3/4" wide. The horizontal portion is approximately 28" long and the vertical portion is approximately 19" high. The handle can be adjusted over a range of 9 1/4".

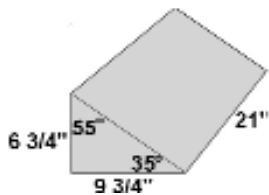
The Lexan Arm Board is constructed of 3/8" polycarbonate and is the same size as the Aluminum Arm Board.

Item #	Description
250-000	Aluminum Arm Board
252-000	Lexan Arm Board
252-020	Replacement Knob for Arm Board
252-030	Replacement Handle for Arm Board

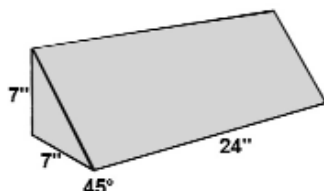
POSITIONING & IMMOBILIZATION PRODUCTS

FOAM POSITIONERS

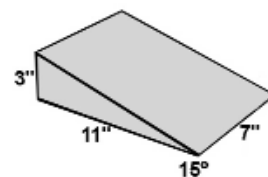
These foam positioners are made of a high density polyurethane foam covered in a durable, blue Staph-Chek material. The Staph-Chek material is hypoallergenic and antimicrobial.



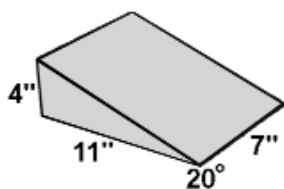
Item #	Description
258-100	Wedge 35/55° Angle



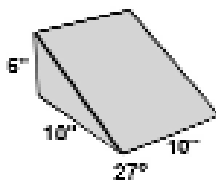
Item #	Description
258-102	Wedge 45° Angle



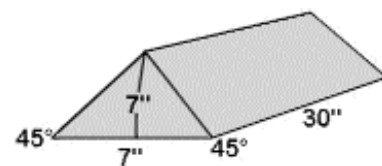
Item #	Description
258-104	Wedge 15° Angle



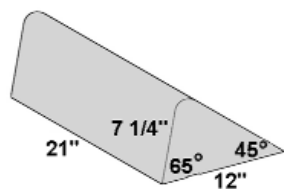
Item #	Description
258-106	Wedge 20° Angle



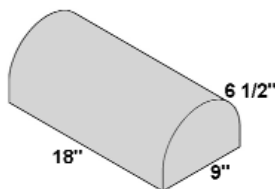
Item #	Description
258-108	Wedge 27° Angle



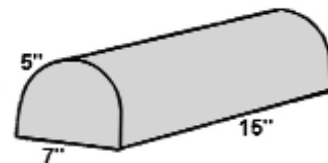
Item #	Description
258-110	Wedge 45° Angle



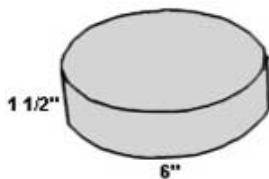
Item #	Description
258-112	Bolster 45/65° Angle



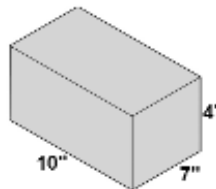
Item #	Description
258-114	Bolster



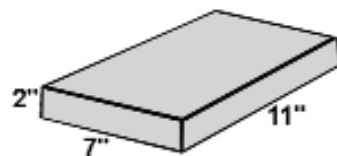
Item #	Description
258-116	Knee Bolster



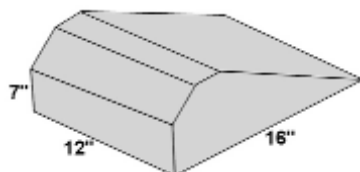
Item #	Description
258-118	Circle



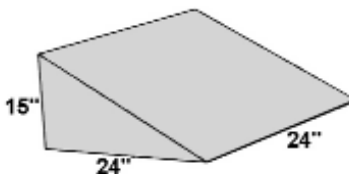
Item #	Description
258-122	Rectangle 10" x 7" x 2"
258-124	Rectangle 10" x 7" x 3"
258-126	Rectangle 10" x 7" x 4"



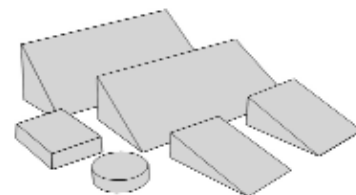
Item #	Description
258-120	Rectangle



Item #	Description
258-128	Torso Block



Item #	Description
258-130	Chest/Leg Elevator



Item #	Description
258-135	Standard 6 Piece Set

Item 258-135- 6 piece set includes:

- 258-104 (15° Angle)
- 258-100 (35°/55° Angle)
- 258-106 (20° Angle)
- 285-102 (45° Angle)
- 258-118 (Circle)
- 258-120 (Rectangle)

POSITIONING & IMMOBILIZATION PRODUCTS

NON-MAGNETIC SANDBAGS



Item #	Description	Weight
259-025	Sandbag 7" x 12"	5 lbs.
259-030	Sandbag 7" x 20"	10 lbs.
259-035	Sandbag 11" x 15"	15 lbs.
259-040	Sandbag 8.5" x 22"	20 lbs.

GRIP RINGS™

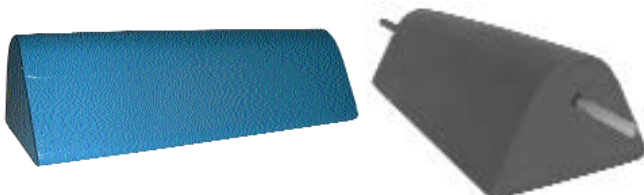
The circular design of Grip Rings™ allows pressure to be evenly distributed, preventing harsh marks on the skin. The attractive and smooth outer skin becomes an integral part of the cushion through a high strength bond to the foam core. Only high tech, non-absorbing, closed cell cushioning mediums are encapsulated to ensure the highest measure of quality. The outer skin of tough vinyl is smooth and easy to wipe clean with most anti-bacterial solutions, and free of surface textures that trap and hold bacteria from soil and body fluids. If the outer skin is cut or torn the inner cushion will not "sponge-up" liquids/fluids as some products that utilize conventional upholstery materials.

Grip Rings™ are blue in color, have a wall thickness is 1" and are virtually tear resistant.



Item #	Description
253-115	Grip Ring™ - 3" I.D.
253-116	Grip Ring™ - 4 1/4" I.D.
253-117	Grip Ring™ - 6" I.D.
253-118	Grip Ring™ - 10" I.D.
253-119	Grip Rings™ - Set of 3 - (3", 4 1/4", 6")
253-120	Grip Rings™ - Set of 4 - (3", 4 1/4", 6", 10")

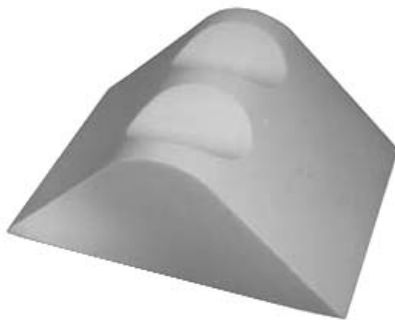
COVERED FOAM WEDGE



Cover: Blue, anti-skid coating
Size: 7 5/8" W x 17 3/4" L x 4 7/8" H

Item #	Description
258-950	Covered Foam Wedge
258-951	Covered Foam Wedge w/Wood Handle

LEG REST WITH KNEE CUT-OUTS



- Provides leg/knee support while maintaining hip flexion
- Relieves lower back stress and pain
- Stain-resistant coating is easily cleaned

Specifications

Color: White

Item #	Leg Rest with Knee Cutouts	Size
258-050	Small	15" L x 18" W x 5" H
258-051	Medium	17.5" L x 13" W x 7" H
258-052	Large	18" L x 24" W x 10" H

ABDUCE KNEE POSITIONER SET

The purpose of this product is to arrange patients in an abduction pelvic position with maximum comfort.

This blue, vinyl-coated, semi-firm sponge can be very useful for treatment of the pelvis, hip and vulva/scrotum areas.

Place the sponge(s) under the femur/knee area with the lower side of the sponge, a ten-degree slant, toward the patient's trunk. The knee(s) are seated into the sponge's concave area.

The patient's feet can be held together with the grip ring. The set includes 2 positioners and 1 - 6" grip ring.



Item #	Description
258-300	Abduce Knee Positioner Set

POSITIONING & IMMOBILIZATION PRODUCTS

LEG IMMOBILIZER



Excellent to add comfort for patients treated in the prone position. Constructed of foam, covered with black vinyl.

Specifications

Size: 16" L x 14" W x 6" to 11" H (40.6 x 35.5 x 15.2 to 27.9 cm)

Item #	Description
258-345	Elevated Leg Immobilizer

UNIVERSAL CAST POSITIONER



The universal cast provides comfort and support to the patient when treatment requires the patient position to be supine with the arms above the head. Firm polyfoam integrated with Plexiglass® base provides firmness and stability for reproducible setups. Saves time, and valuable storage space by eliminating the need to make and store individual patient casts.

One size fits all patients except young children. Waterproof coating is washable with standard hospital disinfectant.

Developed for a group of prominent Boston radiation oncology centers.

Item #	Description
258-310	Universal Cast Positioner

ATTENUATE ARMS POSITIONER™

Includes One set of ComforCleers™ and Grip Ring



Item 258-320

- CT Compatible
- Washable Blue Vinyl Covering

The Attenuate Arms Positioner is constructed of high density foam, soft, yet firm. A polyethylene base helps maintain rigidity and the handle on the base makes for ease in handling or hanging on wall. For head support use a Silverman head and neck Support.

Patients may be positioned with proper head support, arms extended above their head and placed onto the foam positioner. A slightly elevated angle allows the arms to rest, with an additional angle for the wrist area. Patients can hold onto the soft "Grip Ring" or just relax.

The Attenuate Arms Positioner includes the Positioner, one set of Head Supports and a 4 1/4" (10.8 cm) Grip Ring.

The Accessory Set is two blue vinyl coated foam positioners for under the upper arms. These provide additional support to the arms.

The Positioner and Accessory Set can also be used for supporting the lower legs when additional support is needed

Specifications

Size: 20" W x 9.5" H (50.8 x 24.13 cm)



Item 258-325

Item #	Description
258-320	Attenuate Arms Positioner
258-325	Attenuate Arms Positioner Accessory Set

POSITIONING & IMMOBILIZATION PRODUCTS

PRON PILLO®



The slight contour to the front of the Pron Pillo® gives comfort to the forehead. The open space for the eyes and nose puts less pressure near the eye area. The elevated base allows the patient to breath freely while being in a comfortable position. The slight taper allows for the natural contour of most face sizes. The Pron Pillo® supports the head and shoulders. The shoulder support design provides comfortable space for the patient's chest area.

The Pron Pillo® is radiolucent but not artifact free, therefore, it is not recommended for inclusion in films. It is totally waterproof, has an easy to clean smooth finish, and is now made of a softer foam.

Specifications

Size: 21" L x 18" W x 6" H (53.3 x 45.7 x 15.2 cm)

Weight: Less than 1 lb (0.45 kg)



Item	Description
256-000	Pron Pillo®

LUNG COMPRESSOR Air Compression Belt with Gauge



The Lung Compressor, Air Compression Belt with Gauge is designed to put pressure just below the lungs to limit lung movement with respirations. The air bladder with a cotton cover is attached to a 60" (152.4 cm) long velcro belt which is wrapped snugly around the patient just below the sternal notch. Once the belt and air bladder are in position on the patient, the air bladder is manually inflated with a hand pump. The included pressure gauge is used to record the amount of pressure used to achieve the desired limits of lung movement. This allows for reproducibility of the same amount of pressure for each treatment fraction.

This item can be cleaned by hand using a cloth dampened with a mild detergent dissolved in water. DO NOT SOAK MATERIAL. For stubborn spots or stains, use a soft brush and the solution. Allow material to air dry fully before reuse.

Note: Over inflation of the air bladder can cause seaming of the cotton cover to rip.

Specifications

Material: Velcro Hook and Loop, Cotton, Rubber

Size: 60" L x 4" W (152.4 x 10.16 cm)

Item	Description
260-301	Lung Compressor, Air Compression Belt with Gauge

POSITIONING & IMMOBILIZATION PRODUCTS

IMPROVED DUNCAN HEAD HOLDER

The Improved Duncan Head Holder offers head support for maintaining a patient's head in a proper, relaxed, comfortable alignment in the prone position. The Improved Duncan Head Holder provides double thickness in the plastic cradle for increased strength while adding a rubber channel to the rocker legs to avoid slippage.

Sanitary:

Disposable, absorbent pre-cut tissue is available to place over the face mask, providing an barrier between the head holder and patient's face.

Economical:

Plastic head holder can be reused with different patients. Simply purchase replacement polyfoam pads which affix to head holder using supplied double face tape.



Specifications

Size: 8" W x 7 3/4" L x 5" H

Weight: 1 3/4 lbs.

Item #	Description
248-200	Improved Duncan Head Holder
248-201	Disposable Paper Covers - 100/Pkg.
248-202	Replacement Foam Pads - 6/Pkg.

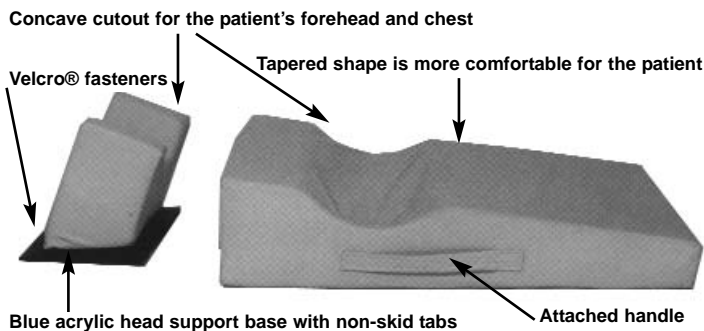
CHIN SUPPORT SET WITH ANGLE INDICATOR



- Can be used in CT scans
- Useful for head stability when treating in a prone position
- Does not interfere with lateral brain and spinal fields
- Adjustable with angle indicator
- Comfortable for the patient
- Made of rigid plastic and aluminum
- Easily cleaned

Item #	Description
257-000	Chin Support Set (1) Adult & (1) Child with Angle Indicator
257-101	Adult Chin Support with Angle Indicator
257-201	Child Chin Support with Angle Indicator

PRONE COMFORT PILLOW SET™



This positioner is constructed of semi-firm polyfoam and covered with a unique material called ChemSoft™. Chemsoft is a vinyl laminate-synthetic fabric that allows breathability while preventing fluid absorption. Besides being ultrasoft, it is non-allergenic, bacteria resistant, antifungal, flame retardant, noiseless and wipes clean. These features make it different from most other foam positioners. A label is attached for additional information and cleaning instructions.

It is also available in a royal blue vinyl coated semi-firm microcell foam that is extremely comfortable, easy to clean and safe to use. Non-skid tabs on the head support create firm stability.

The Prone Comfort Pillow can be used with most prone head positioners, vacuum bags or molding systems. The Prone Comfort Pillow can be utilized in CT or MRI.



Head Support - 7.5" x 4" x 6.5"

- 1) Concave cutout and angled to adapt to patients forehead.
- 2) Velcro® fasteners for easy attachment and removal.
- 3) Blue acrylic base, 3/16" x 6" x 9.5" with drilled hole for wall hook.

Comfort Pillow - 14" x 21" x 2.5"

- 1) Concave for body contour.
- 2) Tapering improves patient's body comfort.
- 3) Handle for movable ease.

Item #	Description
258-350	Prone Comfort Pillow Set™
258-351	Comfort Pillow
258-352	Comfort Head Support
258-355	Prone Comfort Pillow Set, Vinyl Coated

POSITIONING & IMMOBILIZATION PRODUCTS

TIMO FOAM HEAD-NECK SUPPORTS



Material: Coated urethane foam

Item #	Description	Size	Color
248-000	Head-Neck Support Set (A - F)		
248-001	Head-Neck Support "A"	125 x 200 mm L.	Red
248-002	Head-Neck Support "B"	120 x 225 mm L.	Green
248-003	Head-Neck Support "C"	120 x 235 mm L.	Blue
248-004	Head-Neck Support "D"	125 x 235 mm L.	Brown
248-005	Head-Neck Support "E"	125 x 225 mm L.	Yellow
248-006	Head-Neck Support "F"	125 x 235 mm L.	Gray

D

SILVERMAN HEAD-NECK SUPPORTS

Standard Trim - No Peg Holes

Specifications

Material: PETG

Size: 7" x 11.2" L (180 x 285 mm)



Item #	Silverman Head-Neck Supports (Old Style)
249-000	Set "A" through "F"
249-001	"A"
249-002	"B"
249-003	"C"
249-004	"D"
249-005	"E"
249-006	"F"

Item #	Silverman Head-Neck Supports (New Style)
249-030	Set "A" through "F"
249-031	"A"
249-032	"B"
249-033	"C"
249-034	"D"
249-035	"E"
249-036	"F"

POSITIONING & IMMOBILIZATION PRODUCTS

SILVERMAN HEAD-NECK SUPPORTS

With Rounded End and Peg Holes



Item #	Silverman Head-Neck Supports (Old Style)
249-011	"A"
249-013	"C"
249-014	"D"
249-015	"E"

Item #	Silverman Head-Neck Supports (New Style)
249-050	Set "A" through "F"
249-051	"A"
249-052	"B"
249-053	"C"
249-054	"D"
249-055	"E"
249-056	"F"

Specifications

Peg Hole: 0.2" diameter (5 mm)

Peg Holes from Center to Center: 6.2" (15.8 cm)

Material: PETG

D

SILVERMAN HEAD-NECK SUPPORTS

With Peg Holes for Bionix Devices



Specifications

Material: PETG

Item #	Silverman Head-Neck Supports (Bionix)
249-020	Set "A" through "F"
249-021	"A"
249-022	"B"
249-023	"C"
249-024	"D"
249-025	"E"
249-026	"F"

POSITIONING & IMMOBILIZATION PRODUCTS

MOLDCARE® CUSHIONS



The MOLDCARE® cushions are customized head supports composed of a soft fabric bag containing expanded polystyrene beads coated in a moisture-cured resin. When activated with water, the pillow becomes rigid, conforming to the contours of the patient's head and neck. It can be used alone or on a Silverman Head Support to create the most comfortable and repeatable head support available.

Easy to use

1. Remove MOLDCARE® Cushion from package.
2. Fill spray bottle with room temperature or lukewarm water (up to 40°C/105°F).
3. Push spray bottle nozzle slightly against the cushion and spray a shot of water into the cushion. Repeat about 12 times approximately every 10 cm to ensure uniform dampening.
4. Place MOLDCARE® Head Cushion over head support.
5. Place patient's head on cushion, ensuring frame clears cushion, and form as desired.
6. Wait 5 to 10 minutes until pillow sets (once patient exits cushion, cushion continues the hardening process for another 10 minutes).

D Since MoldCare® has a low specific gravity (0.01) with a CT value less than -800, the device can be used in treatment with a CT simulator.

Item	MOLDCARE®	Size
262-174	Small Head Cushion	15 x 20 cm
262-175	Head Cushion	20 x 25 cm
262-176	Trapezoid Head & Shoulder Cushion	58 x 65 cm
262-177	Medium Cushion	20 x 45 cm

Item	MOLDCARE®	Size
262-178	Large Cushion	40 x 60 cm
262-179	X-Large Cushion	60 x 60 cm
262-180	Spray Bottle for Moldcare Cushions	

SILVERMAN 'M' LOW-PROFILE HEAD SUPPORT



The low profile design allows the occiput to rest below the top plane of the board. By lowering the patient's head, the mask is stretched a shorter distance during the Moulding process. Less stretch means a more comfortable mask and an overall better fit for your patient.

Item #	Description
RT-4491R-M	Silverman 'M' Low-Profile Head Support

POSITIONING & IMMOBILIZATION PRODUCTS

DISPOSABLE PLASTIC HEAD HOLDERS



Item #	Description	Diameter	Quantity
246-000	Plastic Head Holders	7.25" (18.4 cm)	50
244-000	Plastic Head Holders	6" (15.2 cm)	50

TENSION BOARD Arm to Foot Adjustable



A 'D' style handle is connected to a spring and then to an adjustable leather strap. For easy adjustment, the leather strap has holes every inch and is numbered every fifth hole. The leather strap simply slips over a pin on each side of the foot board.

Item#	Description
253-100	Arm to Foot Tension Board

BITE BLOCK SYSTEM



A fast set-up can be accomplished by using the Nasal or Bridge Trays. Rest the patient's head in the correct head-neck support, adjust the head, lower the nasal or bridge tray and lock to the desired position.

Specifications

Size: 17" vertical post welded to a 10" x 13" base plate
Aluminum Base Plate has an Anti-Skid Rubber Base
Three Lock System: Vertical, horizontal and tray angle
Scales: 15cm Vertical, 15 cm horizontal and 180° tray angle

Bite Block System Includes:

- | | |
|---|--|
| (1) Adjustable Base Plate | (1) Tongue Tray |
| (6) Head-Neck Supports with plastic bottoms | (1) Chin Tray |
| (5) Adult Bite Tray | (1) 20 cm white plastic rule |
| (1) Child Bite Tray | (1) Cork Screw Tray w/four sample corks (one of each size) |
| (1) Nasal Tray | |
| (1) Bridge Tray | |

Item #	Description
260-000	Bite Block System

Item #	Optional Bite Block Accessories
260-008	Pediatric Adjustable Base Plate
260-010	Adult Bite Tray
260-011	Child Bite Tray
260-012	Nasal Tray
260-014	Bridge Tray
260-018	Tongue Tray
260-022	Cork Screw Tray

The Bite Block System is a stand alone patient head immobilizer system that needs no fixing to a treatment table and can be moved from room to room. The aluminum base plate has protruding pins which fit into the holes of the attached plastic bottom of six different size head-neck supports, thus, locating it in a fixed position every time it is used. In some treatment set-ups it may be necessary to angle the head to the right or left. For these treatments, place the horizontal adjustable base plate on the base plate and lock in position with two thumb screws. The head-neck supports also fit onto protruding pins located on the horizontal adjustable base plate or the pediatric adjustable base plate.

A three lock system allows for easy adjustment and reproducibility. Vertical and horizontal adjustment is accomplished using 15 cm scales and two locking knobs. The bite block tray angle is adjustable using a 180° scale and is locked with a knob.

An easy to remove individualized bite tray uses dental impression material. The impression procedure takes ten minutes using Caulk Reprosil® Impression Material (Item 266-100), which must be ordered separately.

POSITIONING & IMMOBILIZATION PRODUCTS

CAULK REPOSIL® IMPRESSION MATERIAL

For Use with Bite Trays



Caulk Reposil® Impression Material provides excellent dimensional accuracy and stability. This material is applied to the bite tray and a dental impression is made. One package will make 20 - 25 impressions. Note: Does not include mixing pad or caulk tray adhesive. Tray adhesive not recommended for bite trays that will be reused.

Item #	Description
266-100	Caulk Reposil® Impression Material

CORKS



Sold 10 per package.

Item #	Top Diameter	Bottom Diameter	Length
274-812	2.8 cm	2.25 cm	3.0 cm
274-813	3.0 cm	2.40 cm	3.0 cm
274-816	3.5 cm	2.75 cm	3.7 cm

BITE WEDGE



- Hygienic wrapping tears off easily for immediate access
- Sanitary, high-density polyethylene pad provides a firm protective cushion
- Pad is bonded to a tough but flexible double strength hardwood, assuring durability
- Wedges can be notched for the teeth (see picture above)

Item #	Description	Quantity
274-100	Bite Wedge	12

T-FORM™ HEAD AND NECK IMMOBILIZER



Shown with Thermoplastic Mask

- **MRI Compatible Radiolucent Material**
- **Cost Effective Alternative to Carbon Fiber**
- **Lighter Weight than Carbon Fiber**
- **Net Weight 1 lb (0.5 kg)**
- **Fits Both Disposable and Reusable Frames**
- **Locks Down to Most Treatment Couches**

The T-Form Head and Neck Immobilizer is designed to offer a sensible alternative to carbon fiber head boards.

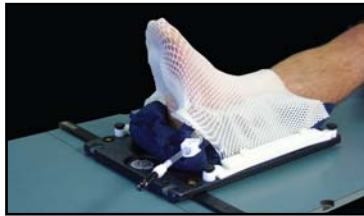
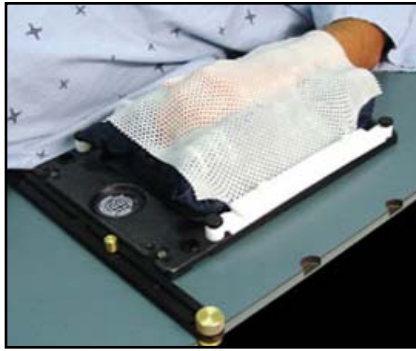
Compatible with these Bionix Devices

- Carbon Fiber 45° Tilt Attachment
- Prone Attachment
- Lateral Attachment
- Head Only Klarity Frames
- Silverman and Moldcare® Head Cushions

Item#	Description
262-145	T-Form Head and Neck Immobilizer

POSITIONING & IMMOBILIZATION PRODUCTS

T-FORM™ EXTREMITIES IMMOBILIZER SYSTEM



- Durable, Light-Weight, Radiolucent T-Form Base Plate
- Specific Thermoplastic Sheets with Reusable Handles
- Specific SecureVac™ Cushions
- SecureFit™ Bar with Sliding Attachment Enables Device to be Positioned and Indexed Anywhere on the Treatment Couch Top
- Locks Down to Most Couch Tops Using SecureFit™ Lockdown Bars (Items 262-190 to 262-199)

Extremity Soft Tissue Sarcomas are some of the most challenging areas to position and immobilize. The T-Form™ Extremity Immobilizer was designed to provide stability, comfort, high precision along with the ability to conform to different patient anatomical tumor locations that vary in size and shape.

Item 255-600 T-Form Extremities Immobilizer System Includes

- T-Form Extremities Base
- Set of Thermoplastic Handles
- Lockdown Bar Slider Attachment (attaches to existing Lockdown bars)
- Two Extremities SecureVac Cushions
- Four Extremities Thermoplastic Sheets

Item#	Description
255-600	T-Form Extremities Immobilizer System
Item	Accessories
255-602	Thermoplastic Sheet, Perforated, 13" x 10.5" (33 x 26.7 cm), 3.2 mm Thick
255-604	Additional Thermoplastic Handles
255-606	SecureVac™ Cushion

BIONIX SECUREFIT™ BARS



The SecureFit™ Bar and the SecureFit™ Sliding Bar lock down to the Varian Exact Couch. Lock down bars for most other couches are also available. This positioning aid will help with exact and precise positioning throughout the entire treatment. A variety of SecureFit™ Bars index Bionix positioning devices to the couchtop.

Specifications

Item 262-190 Varian EXACT Couch

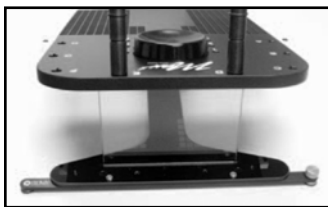
Thickness: 0.25" (0.6 cm)

Item 262-193 Varian EXACT, Sliding Bar II

Thickness: 0.125" (0.3 cm)



Item #	SecureFit™ Lockdown Bar	Material
262-190	Varian EXACT Couch	Aluminum
262-191	Slider Attachment	Aluminum
262-192	Siemens Couch	Aluminum
262-193	Varian EXACT, Sliding Bar II	Aluminum
262-195	Varian EXACT	Carbon Fiber
262-196	Elekta Couch	Aluminum
262-197	Phillips Couch	Aluminum
262-198	GE Couch	Aluminum
262-199	Nucletron Couch	Aluminum



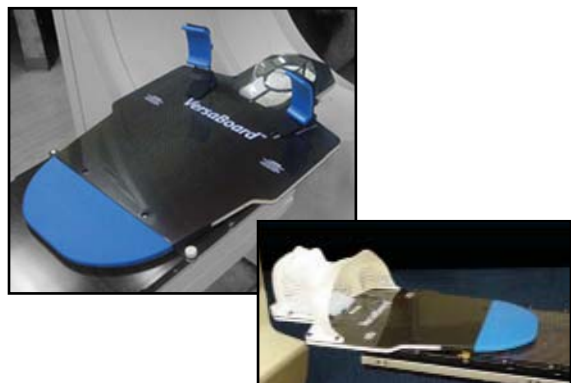
Shown with the Max2™



Shown with the SuProne™ Plus and 45° Attachment

POSITIONING & IMMOBILIZATION PRODUCTS

VERSABOARD™ AND ACCESSORIES



269-519

- Made of Carbon Fiber
- Allows for 360° treatment angles
- 24" (61 cm) at the widest point
- Includes rubber patient transition pad and prone face cushion increasing patient comfort
- Easily accommodates Head Only and Head and Shoulder Thermoplastic Masks
- Ruled edges for maximum reproducibility and alignment
- Accommodates Silverman head rests, Moldcare® head cushions and SecureVac™ VersaCushion
- Locks down to most couches using SecureFit™ Lockdown Bars (Items 262-190 to 262-199)

The VersaBoard™ was designed specifically to better stabilize head, neck and brain patients during IMRT treatments. Made out of carbon fiber, the VersaBoard™ offers a variety of thermoplastic and accessory options. The VersaBoard™ also provides the option to cantilever off the end of the couch to allow for a 360° treatment angle.

Item 269-519 The Premium Shoulder Suppression System

The Premium Shoulder Suppression System is made of carbon fiber and can be adjusted in 3 directions (side to side, top to bottom and up or down) for optimum positioning.

Item#	Description
269-500	VersaBoard™
269-519	VersaBoard™ Premium Shoulder Suppression System



262-175

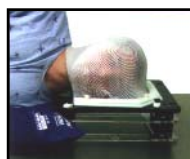


262-176



Item #	MoldCare®	Quantity
262-175	Head Cushion	1
262-176	Head and Shoulder Cushion	3

Item#	Description
262-134	SuProne Plus™ Head & Neck Board, Carbon Fiber
262-135	SuProne Plus™ 45° Tilt Attachment, Carbon Fiber



Item#	Description
262-131	SuProne Plus™ Lateral Attachment, Acrylic

Item#	Description
262-132	SuProne Plus™ Prone Attachment, Acrylic
262-136	SuProne Plus™ Prone Attachment, Carbon Fiber

POSITIONING & IMMOBILIZATION PRODUCTS

VERSABOARD™ AND ACCESSORIES



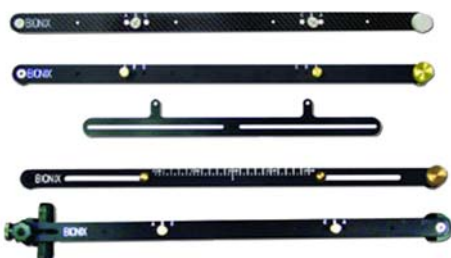
244-402

244-426

Item#	Description
269-521	VersaBoard™ Adapter for 45° Tilt & Prone Attachments

Item #	SecureVac™	Size	Liter Fill
244-402	Head and Shoulder	65 x 67 cm	10
244-426	VersaCushion	32 x 15 x 9 cm	2

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- 262-195
- 262-190
- 262-191
- 262-193
- 262-196

Item #	SecureFit™ Lockdown Bar	Material
262-190	Varian EXACT Couch	Aluminum
262-191	Slider Attachment	Aluminum
262-192	Siemens Couch	Aluminum
262-193	Varian EXACT, Sliding Bar II	Aluminum
262-195	Varian EXACT	Carbon Fiber
262-196	Elekta Couch	Aluminum
262-197	Phillips Couch	Aluminum
262-198	GE Couch	Aluminum
262-199	Nucletron Couch	Aluminum



KLRT-460V
VersaFrame Style
Head/Shoulder



KLRT-460VH
VersaFrame Style
Head Only



KLRT-464V
IMRT SecureFrame Style
Head/Shoulder



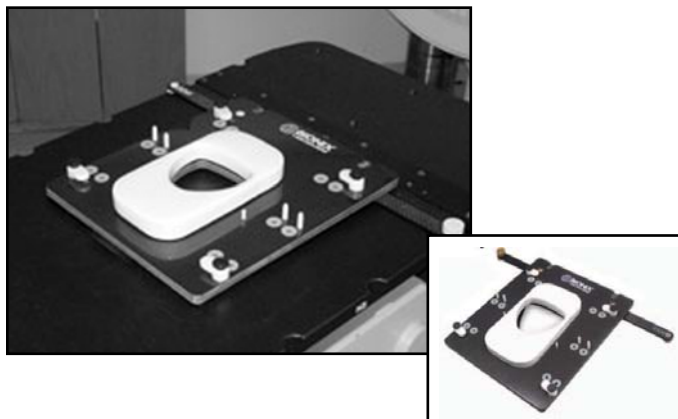
KLRT-464VH
IMRT SecureFrame Style
Head Only

Item #	Klarity® Disposable Masks	Thickness
KLRT-460V	VersaFrame Style, Head/Shoulder	2.4 mm
KLRT-460VH	VersaFrame Style, Head Only	2.4 mm
KLRT-461V	VersaFrame Style, Head/Shoulder	3.2 mm
KLRT-461VH	VersaFrame Style, Head Only	3.2 mm
KLRT-464V	IMRT SecureFrame Style, Head/Shoulder	3.2 mm
KLRT-464VH	IMRT SecureFrame Style, Head Only	3.2 mm

Used with Bionix VersaBoard for Head and Neck IMRT

POSITIONING & IMMOBILIZATION PRODUCTS

SUPRONE PLUS™ SYSTEM



- Fits both disposable or reusable frames
- Locks down to most couches
- Available in Carbon Fiber or Acrylic
- May be used for flat positioning
- Includes comfort cushion for patient in prone position
- Multiple Attachments allow interface with VersaBoard

SuProne Plus™ Head & Neck System allows secure, accurate and versatile positioning. This system allows positioning prone, supine, lateral and flat with maximum patient comfort.

CE

Item#	Description
262-130	SuProne Plus™ Head & Neck Board, Acrylic
262-134	SuProne Plus™ Head & Neck Board, Carbon Fiber

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- Attaches to SuProne Plus™ Head & Neck Board
- Three standard positioning heights included (2 cm, 5cm and 7cm)
- Can be used prone
- Locks down to most couches
- Attaches to VersaBoard™

CE

Item#	Description
262-131	SuProne Plus™ Lateral Attachment, Acrylic

- Attaches to SuProne Plus™ Head & Neck Board
- May be positioned $\pm 20^\circ$
- Includes comfort cushion for patient
- Easy to locate and read degree location
- Stable base for maximum reproducibility
- Locks down to most couches
- Attaches to VersaBoard™

CE

Item#	Description
262-132	SuProne Plus™ Prone Attachment, Acrylic
262-136	SuProne Plus™ Prone Attachment, Carbon Fiber



- Attaches to SuProne Plus™ Head & Neck Board
- May be positioned 5° to 45°
- Easy to locate and read degree location
- Stable base for maximum reproducibility
- Locks down to most couches
- Attaches to VersaBoard™

CE

Item#	Description
262-135	SuProne Plus™ 45° Tilt Attachment, Carbon Fiber



- Allows attachment of the 45° Tilt and Prone Attachments to the VersaBoard™

Item#	Description
269-521	VersaBoard™ Adapter for 45° Tilt & Prone Attachments

POSITIONING & IMMOBILIZATION PRODUCTS

BIONIX® BUTTERFLY BOARDS

The Bionix® Butterfly Boards are lightweight and durable devices that comfortably support a patient's arms during treatment procedures of the breast, lung and thorax. Designed to fit into a CT scanner, the Butterfly Boards can also be used for diagnostic purposes.

Item 269-439 Narrow Extended Butterfly Armboard measures 19.5" (49.5 cm) from wing to wing making this board more compatible with small bore CT scanners

The Standard Butterfly Boards have two Delrin handgrips. The Extended and Narrow Extended Butterfly Boards feature an adjustable T-Bar handgrip. The T-bar offers both vertical and horizontal adjustments for precise patient positioning and maximum comfort.

The Bionix® Butterfly Boards may be used with any vacuum cushion or SecureFoam™. They attach to any of the Bionix® Breast or Torsoboards and accommodate Silverman and Moldcare© head cushions.

D



269-437



269-438



269-439



269-441



269-442

Specifications

Item 269-437 and 269-441 Standard Butterfly Board
Height: 6.25" (15.9 cm) Wings, 9.25" (23.5 cm) Arm Post
Overall Width: 23.875" (60.6 cm)
Length: 14.5" (36.8 cm)
Weight: 4.25 lb (2 kg)

Item 269-438 and 269-442 Extended Butterfly Board
Height: 6.25" (15.9 cm) Wings
Width Inside Wing: 14" (35.6 cm)
Overall Width: 24" (61 cm)
Length: 24.5" (62.2 cm)
Weight: 12 lb (5.5 kg)

Item 269-439 Narrow Extended Butterfly Armboard
Height: 6.25" (15.9 cm) Wings
Width Inside Wing: 14" (35.6 cm)
Overall Width: 19.5" (49.5 cm)
Length: 23.5" (59.7 cm)
Weight: 9 lb (4.1 kg)

Item #	Butterfly Board
269-437	Standard with 2 Hand Posts, Polycarbonate
269-438	Extended with T-Bar Handle, Polycarbonate
269-439	Narrow Extended with T-Bar Handle, Polycarbonate
269-441	Standard with 2 Hand Posts, Carbon Fiber
269-442	Extended with T-Bar Handle, Carbon Fiber

POSITIONING & IMMOBILIZATION PRODUCTS

AKTINA CARBON FIBER BREAST BOARD



D The Aktina Carbon Fiber Breast Board allows for indexed angulations of 0, 5, 10, 15, 20, 25, 30 and 35 degrees and is CT compatible at up to 10° on all scanners (15° on certain larger bore machines). All movements are indexed with scales or alphanumerics. An optional angulation kit allows for angles of 5° and 7.5°.

The board includes an indexed Hip Stopper and a round head cushion. It also interfaces to indexing bar of treatment couch

The arm kit is sold separately. Each kit includes a right and left baseplate, a Triax arm support, a wrist support and a hand grip. The arm set is right or left interchangeable.

Other options are a Silverman adaptor which allows the use of Silverman supports or a gel cushion. The optional Arm Cradle can be easily attached to the breast board with the supplied quick release knobs.. The arm cradle includes a V-grip, a hand grip post, and a round head cushion.

The board folds flat for ease of storage and shipping.

Specifications

Mesh Size: 6 1/2" W x 16 1/8" L

Board Size: 17" W x 30 1/8" L (excluding Hip Stopper base)

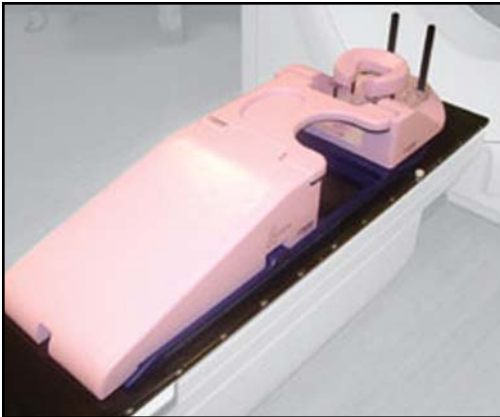
Maximum Weight: 100 kg/220 lbs evenly distributed

Weight: 13 lbs.

Item #	Description
269-450	Aktina Carbon Fiber Breast Board
269-451	Arm Kit for Aktina Carbon Fiber Breast Board
269-452	Arm Cradle
269-453	Silverman Adaptor
269-455	Gel Head Cushion
269-456	5° and 7.5° Angulation Kit

POSITIONING & IMMOBILIZATION PRODUCTS

PRONE BREAST SYSTEM



Prone Breast System

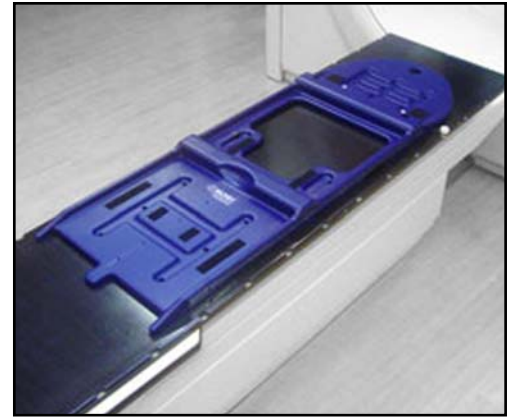


Prone Breast System
Shown with Indexing Face Cushion



Included:

15° Contralateral Breast Wedge Insert



T-Form Multi-Treatment Base
Same Base Used in the Pelvis/Belly System

- Utilizes prone positioning for breast treatment to deliver less irradiation to the chest wall, lung, and cardiac tissue.
- Available in two height options; 23cm and 15cm.
- Massage-style face cushion supports the head with openings for air flow.
- Reversible, carbon fiber breast bridge holds the contralateral breast comfortably out of the treatment field.
- New hand rest with multiple indexing hand positions.
- Comfortable foam design cradles the patient during treatment cycle.
- Lightweight design; total weight (including T-Form Multi-Treatment Base) is 18 pounds (8.2 kg).
- Available as a system with T-Form Multi-Treatment Base or as a Pad Set, for those customers with a Multi-Treatment Base from the Pelvis/Belly System.
- Locks down onto most treatment couches. See SecureFit Lockdown Bars, Items 262-190 through 262-199

The Bionix Prone Breast System is one of the most popular products in the line of comfortable patient positioning devices. The Prone Breast System features a foam cushion set designed to attach to the T-Form Multi-Treatment Base, which can also be used with the Pelvis/Belly PLUS System cushion set.

Item 269-460 and 269-463 Prone Breast System Includes

- T-Form Multi-Treatment base
- Prone Breast Pad Set
- 15° Contralateral Breast Wedge Insert

Specifications

Width: 18" (45.7 cm)
Maximum Height: 9" (23 cm)
Weight: 18 lb (8.2 kg)
Patient Weight Limit: 300 lb (136 kg)

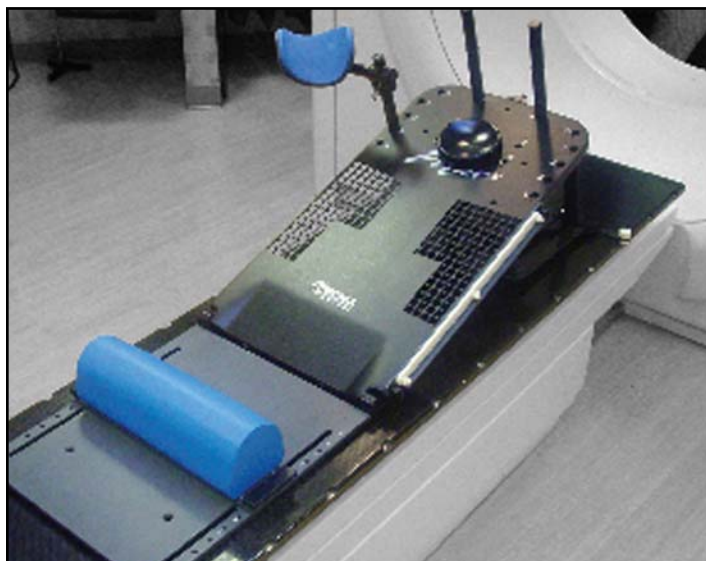
Item #	Description
269-460	Prone Breast System, 23 cm
269-463	Prone Breast System, 18 cm
269-461	Disposable Face Cover, 50/pkg
269-462	Additional 15° Contralateral Breast Wedge Insert

Item #	Description
269-464	Indexing Hand Post for Prone Breast System
256-172	Prone Breast Pad Set
256-173	Low Profile Prone Breast Pad Set
269-465	Pelvis/Belly Pad Set

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POSITIONING & IMMOBILIZATION PRODUCTS

MAX3™ PLUS BREAST BOARD AND ACCESSORIES



- Four integrated elevation carbon fiber wedges at 7°, 12°, 17°, and 23°
- Indexing Backstop Cushion to prevent patients from involuntarily sliding downward
- Able to accommodate patients up to 300 lb (136 kg)
- Compatible with Klarity Head Only VersaFrames
- Compatible with Silverman head supports
- Locks down onto most treatment couches
- Accommodates Butterfly Board, Arm Supports and SecureVac™ Bags
- Accommodates Thermoplastic sheets
- Large grid panels for increased treatment angles

CT friendly and IMRT ready, the New Carbon Fiber Max3™ Plus Breast Board is 45cm at the widest point. Minimal loose parts and ergonomic design are highlighted by the fully integrated carbon fiber wedge system and secure Velcro closure straps providing ease of use and transport.

Item 269-426 Max3™ Plus Breast Board includes

- (1) Max3™ Plus Breast Board
- (1) Head Cup
- (2) Hand Posts
- (1) Pair 18" Thermoplastic handles
- (1) Indexing Backstop Cushion

Item	Description
269-426	Max3™ Plus Breast Board

Clocking Plate Arm Support



- Low profile design is ideal for smaller bore CT's
- Provides 3 axes of adjustment with multiple indexing points
- A simple design makes adjustment quick and easy

The Clocking Plate Arm Support rotates the arm right and left and also moves up and down. This system will allow you to easily move the arm into the desired position.

These Clocking Plate Arm Supports will also fit on the Max2™ and Max3™ Breast Boards.

Item #	Description
269-427-1	Clocking Plate Arm Support, Right
269-427-2	Clocking Plate Arm Support, Left

Calibrated Arm Support



- Offers 5 indexing points on the vertical post, 4 on the horizontal, and 4 to rotate the arm support
- Provides a secure support for the patient's arms during treatment
- Thick arm pad provides extra patient comfort during immobilization

The calibrated arm supports are great additions to any of the Bionix breast boards. The arm supports provide flexibility, support and comfort improving patient positioning and reproducibility.

The calibrated arm support will also fit on the Max2™ and Max3™ Breast Boards.

Item #	Description
269-428-1	Calibrated Arm Support, Right or Left

POSITIONING & IMMOBILIZATION PRODUCTS

MAX3™ PLUS BREAST BOARD AND ACCESSORIES



269-441



269-442

Item #	Butterfly Board
269-437	Standard with 2 Hand Posts, Polycarbonate
269-438	Extended with T-Bar Handle, Polycarbonate
269-439	Narrow Extended with T-Bar Handle, Polycarbonate
269-441	Standard with 2 Hand Posts, Carbon Fiber
269-442	Extended with T-Bar Handle, Carbon Fiber

All Butterfly Boards include adapter posts to allow for breast board compatibility.



KLRT-460VH
VersaFrame Style Head Only

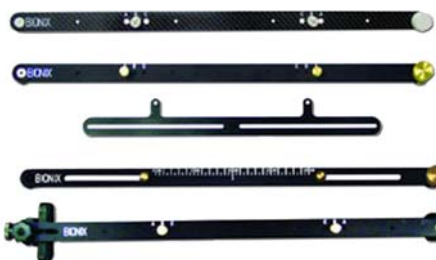
Item #	Klarity® Disposable Masks	Thickness
KLRT-460VH	VersaFrame Style, Head Only	2.4 mm
KLRT-461VH	VersaFrame Style, Head Only	3.2 mm

Item #	Klarity® Thermoplastic	Size	Thickness
KLRT-224C	Solid Sheet, Punched on 18"	18" x 24"	2.4 mm
KLRT-224D	Perforated Sheet, Punched on 18"	18" x 24"	2.4 mm
KLRT-324C	Solid Sheet, Punched on 18"	18" x 24"	3.2 mm
KLRT-324D	Perforated Sheet, Punched on 18"	18" x 24"	3.2 mm



Item #	SecureVac™	Size	Liter Fill
244-408	Cushion	100 x 70 cm	30
244-410	Cushion	100 x 70 cm	35

Other Sizes Available



- 262-195
- 262-190
- 262-191
- 262-193
- 262-196

Item #	SecureFit™ Lockdown Bar	Material
262-190	Varian EXACT Couch	Aluminum
262-191	Slider Attachment	Aluminum
262-192	Siemens Couch	Aluminum
262-193	Varian EXACT, Sliding Bar II	Aluminum
262-195	Varian EXACT	Carbon Fiber
262-196	Elekta Couch	Aluminum
262-197	Phillips Couch	Aluminum
262-198	GE Couch	Aluminum
262-199	Nucletron Couch	Aluminum

SecureFit Bars are also available in order to securely attach the Max3™ Plus Breast Board to your treatment table.

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POSITIONING & IMMOBILIZATION PRODUCTS

ACCUFIX CANTILEVER BOARD - FEATHERLINE EDITION



RT-4525L



RT-4521CSA



RT-4521CSA



RT-4524XX



RT-4525TILT



RT-4525HGA

- All possible adjustments are indexable and can be documented on the supplied set-up sheet
- Quick-release swivel locks make snapping U-Frames into place easy, even with one finger. Designed for quick emergency patient release
- Lightweight
- Uses U-Frames that are easily molded by a single person

This patented head and neck device is revolutionary in that it seamlessly integrates shoulder depression. The device's unique cantilever design allows for 360° treatment with minimal attenuation. The fully adjustable carbon fiber Shoulder-Loc™ Shoulder Depression System is designed to increase setup repeatability and reduce patient motion without requiring large sheets of thermoplastic over the shoulders. Adapters are available to mount the Cantilever Board to the treatment tables and position the board in a fixed and repeatable location to prevent tipping that can occur with other head and neck devices.

A wall mount is available for storage.

Shoulder-Loc™ System

The Shoulder-Loc™ shoulder restraints are fully indexable and easily adjustable, offering a comfortable combination to fit most patients. Cushioned memory-cell foam padding provides extra comfort. Shoulder-Locs™ are also available in CT versions that have shorter tongs to reduce collision with couchtops. Reversible flag design can extend medially or laterally to fit the widest variety of patients. Patient's shoulders can be released quickly by pulling the "T" release handle. Four different Shoulder-Loc™ options are available for a perfect fit: Standard (RT-4524XX), Pediatric-Fit (RT-4524PED), Extra-Tall (RT-4524LW), and CT Version (RT-4524XX-S).

Item	Description
RT-4525L	AccuFix Cantilever Board - Featherline Edition
RT-4525HGA	Hand Grip Array Set
RT-4525LSPLIT	Split Frame Adapter
RT-4524LW	Extra Tall Shoulder-Loc™, Pair
RT-4524PED	Pediatric-Fit Shoulder-Loc™, Pair
RT-4524XX	Standard Shoulder-Loc™, Pair
RT-4524XX-S	CT Version Shoulder-Loc™, Pair
RT-4521CSA	Prone Cranial Spinal Axis Kit
RT-1969	U-Frame Mask for Prone Technique
RT-4484-16/4X6	Prone Mask Foam, 4"x6"x1/16" T with Adhesive
RT-4525TILT	Tilt-Pro Tilting Base with Low Pro Swivel Locks
RT-4525TILTA	ProBoard- Flat CF Head Board
RT-4525TILTB	Kit to Upgrade ProBoard to Tilt-Pro

Tilt-Pro Tilting Base

The Tilt-Pro Tilting Base allows precise angling of the head in both prone and supine treatments to avoid critical structures. The Tilt-Pro adapts easily to most treatment tabletops, simulator and CT tables. It is designed for one-step molding, positioning, and indexing of Aquaplast™ Fibreplast™ U-Frame masks. Indexable channel arms allow adjustments from 0° to 30°, in 5° increments. The Tilt-Pro Tilting Base uses traditional or Slimline disposable U-Frames, Silverman Head Supports, and MOLDCARE Head Cushions. Quick-release swivel locks allow emergency patient release. The Tilt-Pro tilting Base is completely non-metallic. The top plate (the ProBoard) is available by itself for standard flat treatments. This provides an economical upgrade path for future tilting treatments. Optional 45° channel brackets are also available.

Prone CSA Kit

This device greatly simplifies the molding of prone masks. The kit includes everything needed to use your Tilt-Pro Base for Prone Cranial Spinal Axis (CSA) treatment, including a molding fixture (for forming the prone mask), prone mask foam (to cushion the prone mask) and Double-High Nylon Swivel Locks (for securing two masks at once).

Item RT-4525HGA Hand Grip Array

The Hand Grip Array aids in reproducing the positioning of the patient's shoulders. This optional device has indexing numbers which helps ensure accurate patient alignment from treatment to treatment.

Specifications

Size: 21.75" W x 42.5" L (55.5 x 108.3 cm)

Dimension of Cut-Out: 5.75" x 9" (14.7 x 23 cm)

Weight: 13.25 lb (6.03 kg)

Item	Description
RT-4527EAG	Adapter, Mounts Cantilever Board to Varian Exact®
RT-4527ELK	Adapter, Mounts Cantilever Board to Elekta Precise®
RT-4527ETRJ	Adapter, Mounts Cantilever Board to Varian ETR
RT-4527LMI3	Adapter, Mounts Cantilever Board to Elekta/Med Int I-Beam™
RT-4527MTP	Adapter, Mounts Cantilever Board to Siemens/MedTec Prodigy
RT-4527PETCT	Adapter, Mounts Cantilever to GE
RT-4527ZXT	Adapter, Mounts Cantilever to Siemens ZXT
ORT-4525-20	Adapter, Mounts Cantilever to Kermath Simulator
ORT-4525-3	CT Board Adapter to 16.75"
ORT-4525-40	Locking Adapter to Varian EXACT Couch
RT-4543WALL	Accufix Wall Mount for Cantilever Board

POSITIONING & IMMOBILIZATION PRODUCTS

QUEST™ BREAST BOARD



RT-4543 Shown with Optional Accessories

The QUEST™ Breast Board features a robust angling mechanism that provides precise patient positioning without worry of collapse. This mechanism allows for indexed angulation of 1.25°, 5°, 7.5°, 10°, 15°, 20° and 25° and is CT compatible at up to 10° on most scanners (25° on certain large bore machines) Optional 30° and 35° angle wedges are available. Carbon fiber skin over a foam core construction provide rigid support with minimal sag or attenuation. All possible adjustments are indexable and can be documented on the supplied setup sheet.

The QUEST™ Carbon Fiber Breast Board comes with a deep dish head cup and biaxial clocking plates. As you would expect. The board folds flat for ease of storage.

Reusable Opti-Handles attach to the side of the QUEST™ Breastboard for positioning with Aquaplast.

Optional Accessories

Arm and Wrists Supports

Upper Arm and Wrist Support Cups offer more index settings than typical arm holders.

Head Supports

The deep-dish head support comes standard on the QUEST™ Breastboard. Upgrade options are small and large Gel Donuts.

Arm Shuttle

A versatile, patient-friendly way to increase breast and lung set-up repeatability. Can be used by itself or in conjunction with the Accufix QUEST Breastboard.



RT-4543AH
Hand Grip Post



RT-4543C
Arm Shuttle



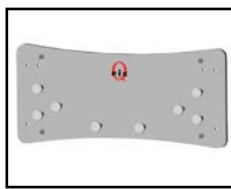
RT-4543AW
Wrist Support Cup



RT-4543AA
Upper Arm Support Cup



RT-4494
Gel Donut Headrest, Large



RT-4543WALL
Wall Mount

Item	Description
RT-4543	QUEST™ Carbon Fiber Breastboard, Includes Deep Dish Head Cup and Two Clocking Plates

Item	Optional Accessories
RT-4543AH	Hand Grip Post
RT-4543AW	Wrist Support Cup
RT-4543C	Arm Shuttle
RT-4494-P	Gel Donut Headrest, Small
RT-4494	Gel Donut Headrest, Large
RT-4543AA	Upper Arm Support Cup
RT-4543WALL	Wall Mount for QUEST™
RT-4454-14	Opti-Handles, 14" (35 cm)
RT-1783P3	Aquaplast Sheet for QUEST™ 2.4 mm thick, 12" x 18" (30.6 x 45.9 cm)
RT-1883P3	Aquaplast Sheet for QUEST™ 3.2 mm thick, 12" x 18" (30.6 x 45.9 cm)

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POSITIONING & IMMOBILIZATION PRODUCTS

ALDERSON BREAST DOSIMETRY SYSTEM A Treatment Brassiere to Improve Breast Radiation Therapy



Complete Brassiere Assembly



The Alderson Breast Dosimetry System (ABDS™) are breast cups formed of a transparent, semi-rigid plastic material.

Data on increased skin dose due to ipsilateral cup were submitted to the FDA. The skin dose due to the cup material was found to be substantially less than for other positioning devices. The FDA has issued a 510 (k) marketing clearance for the Treatment Brassiere.

Cup selection begins by measuring a patient's chest breadth when supine and wearing her clothing brassiere. This measurement indicates the size group (S, M, L, XL) containing the correct cup. Left and right cups are not interchangeable.

The ipsilateral cup is positioned repeatedly on the patient by markings made on the patient's skin through small holes at the medial, lateral and superior aspects of the cup flange.

Each cup is labeled to identify size group (S, M, L, XL), body Side (R or L), and breast volume.

Item 674-100 Complete Brassiere Library Includes: 20 Left and 20 Right Complete Brassiere Assemblies

Item 674-TBC Portable 2 Tier, 8 post Storage Caddy with dust cover.

Item 674-100-TBC Includes 40 Cup Library and Caddy

Specifications

Material: Clear PETG Plastic

Density: 1.27 g/cm³

Thickness Range: .50 mm for smaller cups to .63 mm for extra large cups.

Item #	Description
674-100	40 Cup Brassiere Library
674-TBC	Brassiere Caddy - ONLY
674-100-TBC	40 Cup Brassiere Library w/Caddy

- Reshapes the ipsilateral breast more favorably for radiation treatments.
- Eliminates inframammary folds
- Reduces dose to the lungs, heart and ribs
- Both shape and position are accurately repeatable, treatment after treatment
- More uniform dose
- Reshapes the contralateral breast to move it away from the beams
- Simplifies application of IMRT to breast treatments

Item # - Patient Left	Item # - Patient Right	Volume	Brassiere Size	* Approx. Cup Size
674-100SL-200	674-100SR-200	200 ml	Small - Chest Breadth 27 - 32 cm	A / B
674-100SL-300	674-100SR-300	300 ml	Small - Chest Breadth 27 - 32 cm	B / C
674-100SL-400	674-100SR-400	400 ml	Small - Chest Breadth 27 - 32 cm	B / C
674-100SL-500	674-100SR-500	500 ml	Small - Chest Breadth 27 - 32 cm	C
674-100SL-600	674-100SR-600	600 ml	Small - Chest Breadth 27 - 32 cm	C / D
674-100ML-250	674-100MR-250	250 ml	Medium - Chest Breadth 32 - 36 cm	B
674-100ML-500	674-100MR-500	500 ml	Medium - Chest Breadth 32 - 36 cm	C
674-100ML-750	674-100MR-750	750 ml	Medium - Chest Breadth 32 - 36 cm	C / D
674-100ML-1000	674-100MR-1000	1000 ml	Medium - Chest Breadth 32 - 36 cm	D / DD
674-100ML-1250	674-100MR-1250	1250 ml	Medium - Chest Breadth 32 - 36 cm	DD
674-100LL-500	674-100LR-500	500 ml	Large - Chest Breadth 36 - 42 cm	C
674-100LL-750	674-100LR-750	750 ml	Large - Chest Breadth 36 - 42 cm	C / D
674-100LL-1000	674-100LR-1000	1000 ml	Large - Chest Breadth 36 - 42 cm	D / DD
674-100LL-1250	674-100LR-1250	1250 ml	Large - Chest Breadth 36 - 42 cm	DD
674-100LL-1500	674-100LR-1500	1500 ml	Large - Chest Breadth 36 - 42 cm	DD / DDD
674-100XLL-1000	674-100XLR-1000	1000 ml	X-Large - Chest Breadth 42 cm - Over	D / DD
674-100XLL-1500	674-100XLR-1500	1500 ml	X-Large - Chest Breadth 42 cm - Over	DD
674-100XLL-2000	674-100XLR-2000	2000 ml	X-Large - Chest Breadth 42 cm - Over	DD / DDD
674-100XLL-2500	674-100XLR-2500	2500 ml	X-Large - Chest Breadth 42 cm - Over	DDD
674-100XLL-3000	674-100XLR-3000	3000 ml	X-Large - Chest Breadth 42 cm - Over	DDD

* Breast Sizes (volumes) correlate poorly with clothing brassiere cup sizes.

POSITIONING & IMMOBILIZATION PRODUCTS

COSMAS CUP



The Cosmas Cup is a customized device that provides lift to the patient's breast and helps eliminate unwanted folds during radiation therapy treatment.

Specifications

Material: Thermoplastic

Thickness: 2.4 mm



Item #	Cosmas Cup	Size
674-200	Size B	8.5" L x 2" W (21.6 x 5.08 cm)
674-203	Size C	10" L x 3" W (25.4 x 7.62 cm)
674-204	Size D	11" L x 4" W (27.9 x 10.16 cm)
674-205	Size E	12" L x 6" W (30.5 x 15.24 cm)

- Minimizes breakdown under the breast
- Daily setup for reproducibility is quick and precise
- Comfortable for patient
- Small and non-constricting
- Longer strap goes around patient's neck and attaches to shorter strap using hook and loop closure

MT SPANDAGE™ ELASTIC NET

Latex Free Elastic Retainer Net

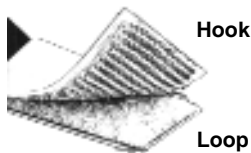


Item #	Size	Length Stretched
674-308	Medium Chest	10 yards
674-309	Large Chest	10 yards
674-310	X-Large Chest	10 yards
674-311	XX-Large Chest	10 yards
674-312	3X-Large Chest	10 yards
674-318	Medium Chest	25 yards
674-319	Large Chest	25 yards
674-320	X-Large Chest	25 yards
674-321	XX-Large Chest	25 yards
674-322	3X-Large Chest	25 yards

Tubular elastic stretch net can accommodate a wide variety of medical needs involving virtually every part of the body. Size should be determined by patient's shirt size.

Others Sizes Available

SUPER-ADHESIVE NYLON HOOK AND LOOP



An extra-strong, pressure-sensitive adhesive backing sticks where others fail. Adheres to most metals, plastics and painted surfaces.

Specifications

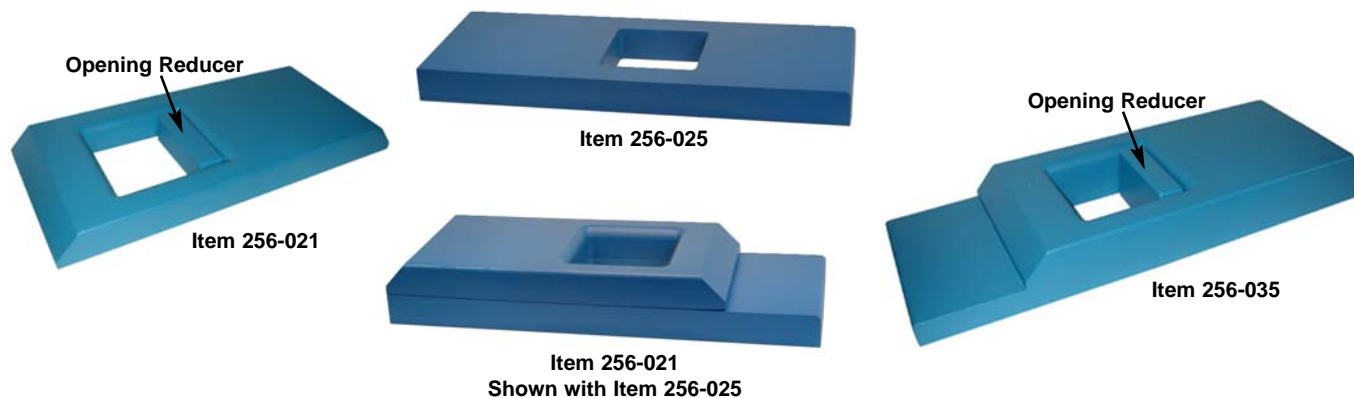
Temperature Range: 0° to 120°F

Color: White

Item #	Super-Adhesive	Size
253-210	Hook	15' L x 1" W (38 x 2.54 cm)
253-211	Loop	15' L x 1" W (38 x 2.54 cm)
253-215	Hook	15' L x 2" W (38 x 5.08 cm)
253-216	Loop	15' L x 2" W (38 x 5.08 cm)

POSITIONING & IMMOBILIZATION PRODUCTS

BELLY BOARDS



D A Belly Board is used to allow the intestinal tract to drop out of the treatment field. Treatment through the foam material has a low absorption of the beam. This unit is made of lightweight, non-breakable high density foam and is coated with a durable blue finish for easy cleaning. The light weight allows for easy handling of the Belly Board. The soft flexible surface provides patient comfort and helps retain excellent body positioning. The bottom surface is anti-skid on treatment and simulator couches. The Belly Board includes one opening reducer that when placed in the opening makes the size of the opening smaller.

A new option is Item 256-025, the Belly Board Thickness Inserter. This Belly Board Thickness Inserter can be placed under the Small Belly Board, Item 256-021; to increase the thickness of the combined Belly Boards to 8" (20.3 cm) The Belly Board Thickness Inserter has the same size opening as the Small and Large Belly Boards and has the same width and length as the Large Belly Board.

When the EXACT Enhance Bar (Item 244-250) is attached to the Belly Board with the Glue Dots (Item 244-255), the belly board can then be indexed using a Lock-Bar or a similar bar. This will allow positioning the belly board in the same position daily.

Cleaning Instructions: Soap and Water, 50/50 Bleach / Water or an ammonia solution can be used.

Efficacy of a Belly Board device with CT-Simulation in Reducing Small Bowel Volume Within Pelvic Irradiation Fields. By Indra J. Das, Ph.D., Int. J. Radiation Oncology Biol. Phys..., Vol. 39, No. 1, pp 67-76, 1977

Specifications

Item 256-021 Belly Board, Small

Material: Foam
Density: 0.03g/cm³
Opening: 12 1/4" W x 13 3/8" L (31 x 34 cm)
Blue Reducer: 11.8" W x 3.23" L x 4" T (30 x 8.2 x 10 cm)
Overall Size: 20" W x 46" L x 4" T (50.8 x 117 x 10 cm)
Weight: 6 lb (2.7 kg)

Item 256-025 Belly Board, Thickness Inserter

Material: Foam
Density: 0.03g/cm³
Opening: 12 1/4" W x 13 3/8" L (31 x 34 cm)
Overall Size: 20" W x 58" L x 4" T (50.8 x 147 x 10 cm)
Weight: 8 lb (3.6 kg)

Item 256-035 Belly Board, Large

Material: Foam
Density: 0.03g/cm³
Opening: 12 1/4" W x 13 3/8" L (31 x 34 cm)
Blue Reducer: 11.8" W x 3.23" L x 7" T (30 x 8.2 x 17.8 cm)
Overall Size: 20" W x 58" L x 7" T (50.8 x 147 x 17.8 cm)
Weight: 14 lb (6.4 kg)

Item #	Description
256-021	Belly Board, Small
256-025	Belly Board, Thickness Inserter for 256-021
256-035	Belly Board, Large
244-250	EXACT Enhance Bar
244-255	Glue Dots, 1000/Pkg

POSITIONING & IMMOBILIZATION PRODUCTS

PELVIS/BELLY PLUS SYSTEM

Versatile Positioning Device for Pelvis and Belly Treatments



Pelvis/Belly Board PLUS



T-Form Multi-Treatment Base
Same Base Used in the Prone Breast System



Small Abdominal Cushion



Supine Abdominal Cushion



Thermoplastic Handles



Supine Head Cushion



Inner Leg Slider Assembly

- Allows for supine or prone positioning
- Ruled edge for better accuracy
- Comes standard with Medium & Large abdomen sizes (Small available as an accessory)
- Optional slider assembly attaches to thermoplastic sheets and locates between the patient's legs allowing additional immobilization
- Features T-Form Multi-Treatment Base, also used with Prone Breast System
- Locks down to most couches - see SecureFit Lockdown Bars, Items 262-190 through 262-199
- Improved dual-foam prone face cushion

The Pelvis/Belly PLUS System from Bionix is designed to immobilize the patient while displacing the bowels for precise, comfortable positioning. The Pelvis/Belly PLUS System features a foam cushion set designed to attach to the T-Form Multi-Treatment Base, also used with The Prone Breast System cushion set.

Item 256-150 Pelvis/Belly PLUS System includes

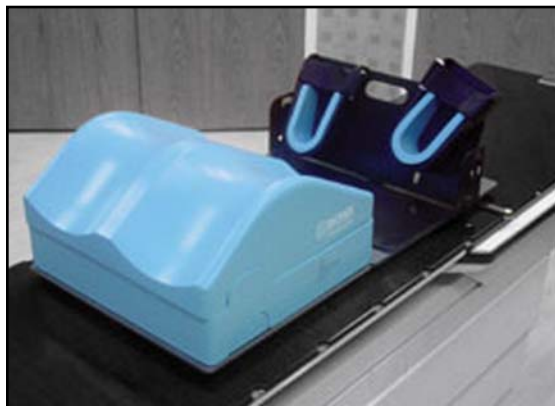
- T-Form Multi-Treatment Base
- One Prone Face Cushion
- Two Abdominal Cushions - Medium and Large
- Two Thigh Cushions

Item #	Description
256-150	Pelvis/Belly Board PLUS System
Item #	Disposable Thermoplastic Sheets
KLRT-224C	2.4mm, 18" x 24", Solid, Prepunched on 18"
KLRT-224D	2.4mm, 18" x 24", Perforated, Prepunched on 18"
KLRT-324C	3.2mm, 18" x 24", Solid, Prepunched on 18"
KLRT-324D	3.2mm, 18" x 24", Perforated, Prepunched on 18"
Item #	Optional Accessories
256-157	Small Abdominal Cushion
256-162	Supine Head Cushion
256-164	Supine Abdominal Cushion
256-166	Inner Leg Slider Assembly
256-168	18" Thermoplastic Handles
256-170	24" Thermoplastic Handles
256-172	Prone Breast Pad Set
256-173	Low Profile Bionix Prone Breast Pad Set

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POSITIONING & IMMOBILIZATION PRODUCTS

COMFORT HOLD™ THIGH AND FOOT POSITIONER



- Foam construction for leg comfort
- Carbon fiber foot board construction for strength
- Natural positioning of feet reducing leg fatigue
- Removable foot cup pads to accommodate shoes-on and shoes-off treatment preferences
- Attaches to most couch tops using SecureFit™ Lockdown Bars (Items 262-190 to 262-199)

The Comfort Hold™ Thigh and Foot Positioner offers multiple indexing options, providing one of the most easily customized devices on the market. The Comfort Hold™ Thigh and Foot Positioner can be purchased as a system or individual units.

Item #	Description
256-260	ComfortHold™ Thigh and Foot Positioner

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- Foam-lined foot cups provide additional comfort
- Multiple indexing locations allowing the foot plate to move superior or inferior to the patient in the supine position
- The vertical foot plate has the option of positioning 5° slightly forward or at an outward angle of 22.5° for comfortable foot flexion
- Two options for height adjustments and a straight or a splayed angle of 20° for the feet
- Attaches to most couch tops using SecureFit™ Lockdown Bars (Items 262-190 to 262-199)

Item #	Description
256-262	ComfortHold™ Foot Positioner



Back of ComfortHold™ Foot Positioner featuring indexing options



Shown without Riser

Shown with 3" (7.62 cm) Riser

- Constructed from a comfortable foam for increased patient comfort
- Consists of a dual channel riser to support the legs at a 115° bend at the knee
- 3" (7.62 cm) removable riser for multiple height options
- Attaches to most couch tops using SecureFit™ Lockdown Bars (Items 262-190 to 262-199)

Item #	Description
256-264	ComfortHold™ Thigh Positioner

POSITIONING & IMMOBILIZATION PRODUCTS

ACCUFIX™ IMRT QUICK-FIX™ CARBON FIBER PELVIS SYSTEM



is used with Opti-Handles to secure a wide variety of different shapes and sizes of Aquaplast RT. It also includes a Groin Lock Key for securing Aquaplast between the patient's legs, and a left and right millimeter scale for easy repositioning.

The Aqua-Belt™ technique uses a specially processes 6" (15.3 cm) wide belt of low-shrink Aquaplast that covers only the iliac crest spine. This keeps your patient in a reproducible center 'X' position while the leg positioning wedge reproduces the 'Y' and 'Z' coordinates on the iliac crest.

The Aqua-Brief™ technique uses a 12" x 24" (30 x 60 cm) sheet of Aquaplast and a three-point fixation system covering the pelvic region and not the abdomen. Larger sheets of Aquaplast are also available for the pelvis system.

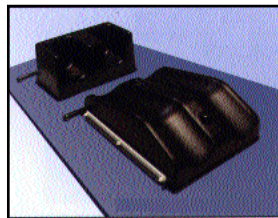
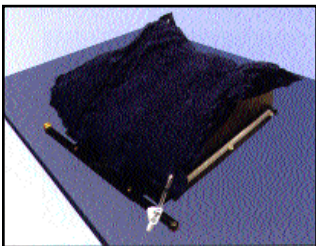
- This device can be indexed or repeatably mounted to most treatment, simulator, and CT couchtops
- Includes Integrated Indexed Knee Wedge and a Set of 6" (15.3 cm) Opti-Handles
- Opti-Handles are easily secured with the white nylon swivel locks
- Precise and reproducible X, Y and Z coordinates leave unrestricted access to the symphysis pubis for an ultrasound probe, and for AP, LAO, and RAO fields
- Using the legs to position the pelvis is a simple, comfortable, and accurate technique for IMRT and 3-D CRT prostate treatment
- Uses the exclusive Opti-Handles for easy repeatability

The AccuFix™ IMRT QuickFix™ Carbon Fiber Pelvis System uses the widely popular leg wedge technique for easy and accurate pelvis target repositioning. This system flattens the lower lumbar for added comfort and repeatability. The QuickFix™ pelvis system

Item	Description
RT-4526S	AccuFix™ IMRT QuickFix™ Carbon Fiber Pelvis System
RT-4526EXA	Adapter to Index Quick-Fix™ Board to Varian EXACT™ Couch and EXACT™ Compatible CT Overlays
RT-1848	Aqua-Brief™ Aquaplast, Solid, 12" x 24" (30 x 60 cm), 3.2 mm Thick with Groin Lock, Pre-Punched for 30 cm handles
RT-1849	Aqua-Belt™ Aquaplast, Solid, 6" x 24" (15 x 60 cm), 3.2 mm Thick, Pre-Punched for 15 cm handles
RT-4456	Opti-Handles for use with Aqua-Belt, 6" (15 cm)
RT-4454	Opti-Handles for use with Aqua-Brief, 12" (30 cm)
RT-4458	Opti-Handles, 18" (45 cm)
RT-4457	Opti-Handles, 24" (60 cm)

THIGH BOLSTER AND FOOT POSITIONER

Fast, easy and comfortable immobilization device for the legs and feet



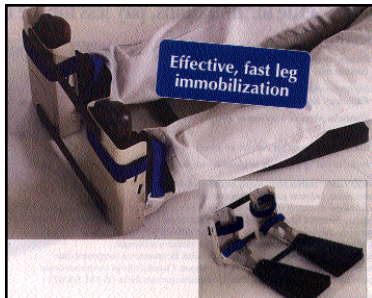
The Thigh Bolster and Foot Positioner will help you easily set-up patients in the supine position. Both products are made of a durable ABS plastic that is very comfortable and easy to clean. The Thigh Bolster raises the knees and offers the ability to slightly splay the legs for comfort and ease of treatment. The optional Foot Positioner is contoured and works with the Thigh Bolster to fixate the feet in a stable position. It allows placement of feet in a comfortable position when treating for an extended period of time. Both devices can be locked down to a variety of tabletops for maximum reproducibility.

Use the optional thermoplastic handles to immobilize knees with thermoplastic for added reproducibility. Thermoplastic handles are located along the sides and are used with the easy expansion knob system. A SecureVac bag can also be attached for increased comfort and accuracy. Reproducibility knobs on the Thigh Bolster enable the use of a SecureVac bag.

Item #	Description
256-250	Thigh Bolster
256-255	Foot Positioner
256-168	18" Thermoplastic Handles
256-170	24" Thermoplastic Handles

POSITIONING & IMMOBILIZATION PRODUCTS

LEG FIXATION SYSTEM



- Portable
- Fast and easy to use
- Maintains position
- Can be used with patient's shoes on

D The Leg Fixation System was designed in conjunction with a prominent oncology center in Boston for the purpose of facilitating prostate procedures. Because fixation of the pelvic region is considered one of the most difficult and time consuming areas during radiation treatments, this positioner provides safe, effective, and comfortable leg immobilization in minutes. Correction of position or simulation can be made quickly and easily. Allows patient to leave shoes on for greater convenience.

Item #	Description
258-335	Leg Fixation System

TOBOGGAN ARM AND LEG GUARDS



Clear, stronger than acrylics, X-ray translucent and available in three sizes. **Small**, size for pediatric, adolescent, and small patients. It's 2" shorter than Medium (Standard), reducing interference with overhead cameras and scanning equipment. **Medium (Standard)**, fits most average-sized patients' extremities. **Large**, is 2 1/2" taller than Medium (Standard) to accommodate large arms and legs. **Extra Large**, is 24" long to provide extra support and protection. **Sold in pairs unless otherwise noted.**

Item #	Toboggan Arm and Leg Guards
255-500	Small, 10" W x 6" H x 10.25" D
255-501	Medium, 15.75" W x 8" H x 10.25" D, Single
255-502	Medium, 15.75" W x 8" H x 10.25" D
255-503	Large, 15.75" W x 10 1/2" H x 10.25" D
255-504	Extra Large, 24" W x 8" H x 10.25" D

POSITIONING & IMMOBILIZATION PRODUCTS

IMMOBILIZATION PROCEDURE CART



Shown with Integrated thermoplastic dry heat warmer

The immobilization procedure cart is made of durable ABS plastic and is easy to clean.

The storage drawers come in 3" and 6" deep configurations, with aluminum and plastic dividers adjustable to fit many shapes and sizes.

The immobilization procedure cart has a powder coating finish that is more durable than enamel finishes and is resistant to chemical spills that may affect appearance. Integrated perimeter bumpers down the sides and around the base of the cart absorb blows, protect the frame from damage, and prevent the cart from damaging walls and other equipment.

Directional casters provide maneuverability when moving the cart.

An option is to integrate the thermoplastic dry heat warmer (Item 278-006) into the procedure cart. This would replace a 6" drawer.

Specifications

Overall Size: 37 1/2" W x 22 1/2" D x 41" H

Item #	Description
278-010	Immobilization Procedure Cart Only
278-011	Immobilization Procedure Cart w/Integrated Dry Heat Warmer

MOBILE WORKSTATION



Ideal for organizing, storing, and transporting Aquaplast and accessories. Comes with two locking casters for safety, two adjustable shelves, a drawer, and a cabinet. Constructed of white Formica. Shipped fully assembled.

Specifications

Overall Size: 42" L x 24" D x 35" H (107 x 61 x 89 cm)

Item	Description
RT-2111DS	Mobile Workstation

SECUREFOAM™



SecureFoam™ is a two-part foam developed to immobilize patients during radiation therapy treatment. SecureFoam™ was developed with both the radiation therapist and patient in mind. It offers you the ability to quickly create an inexpensive, customized positioning device for each of your patients. SecureFoam™ also provides the fastest rise time and set-up time compared to other two-part foams.

SecureFoam™ is available in three sizes to meet all of your needs: small, for pediatrics and small anatomical areas; medium, "ideal size" for breast and lung set-ups; and large, for large anatomical areas.

SecureFoam™ maintains its shape longer than other two-part foams, allowing accurate positioning throughout the patient's course of treatment.

Each package contains:

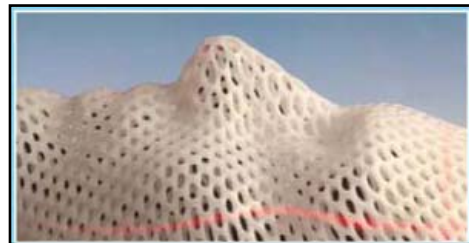
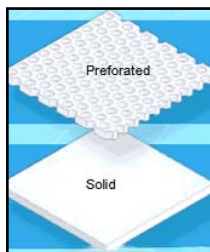
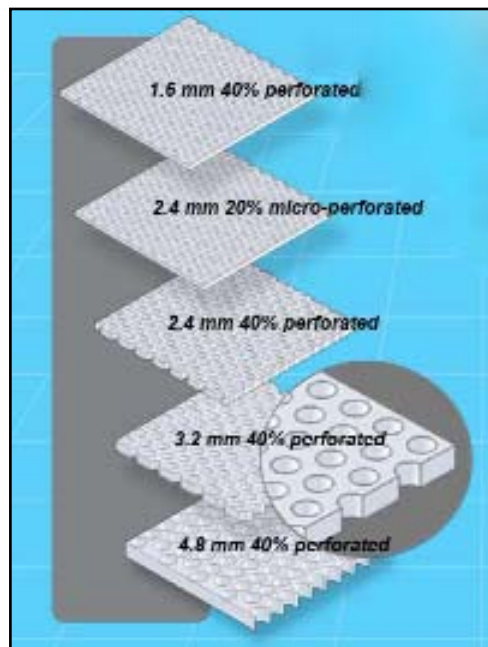
- (1) 2 part foaming agent (A & B)
- (1) Large containment bag

Shelf Life: 6 Months

Item #	Description	Quantity
244-500	SecureFoam™ Small	10/Pkg.
244-502	SecureFoam™ Medium	10/Pkg.
244-504	SecureFoam™ Large	4/Pkg.

POSITIONING & IMMOBILIZATION PRODUCTS

AQUAPLAST RT®



Aquaplast is available in two thicknesses (2.4 mm and 3.2 mm), and a variety of perforation patterns. The standard perforation pattern has a 40% open area. Also available is a 20% open (micro-perforated) pattern for certain applications. These percentages are approximate and vary based on sheet thickness.

The consistent perforation pattern without solid areas results in a uniform shrinkage, forming a snug but comfortable mask without the bolus effect often associated with solid thermoplastics.

Specifications

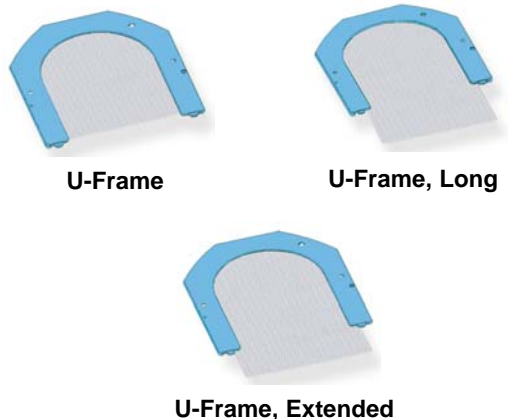
Color: Ivory

Item	Perforated Aquaplast Sheets	Size	Thickness
RT-1781P	Prepunched on 9" (23 cm)	9" x 10" (23 x 25.5 cm)	2.4 mm
RT-1782	Unpunched	18" x 24" (46 x 61 cm)	2.4 mm
RT-1782P18	Prepunched on 18" (46 cm)	18" x 24" (46 x 61 cm)	2.4 mm
RT-1783P	Prepunched on 12" (30.5 cm)	12" x 18" (30.5 x 46 cm)	2.4 mm
RT-1784	Unpunched	24" x 36" (61 x 91.75 cm)	2.4 mm
RT-1788	Unpunched	9" x 12" (23 x 30.5 cm)	2.4 mm
RT-1788P	Prepunched on 9" (23 cm)	9" x 12" (23 x 30.5 cm)	2.4 mm
RT-1891P	Prepunched on 9" (23 cm)	9" x 10" (23 x 25.5 cm)	3.2 mm
RT-1892	Unpunched	18" x 24" (46 x 61 cm)	3.2 mm
RT-1896	Unpunched, Less stretch	24" x 36" (61 x 91.75 cm)	3.2 mm
RT-1898P	Prepunched on 9" (23 cm)	9" x 12" (23 x 30.5 cm)	3.2 mm

Item	Solid Aquaplast Sheets	Size	Thickness
RT-1722	Unpunched	18" x 24" (46 x 61 cm)	2.4 mm
RT-1724	Unpunched	24" x 36" (61 x 91.75 cm)	2.4 mm
RT-1822	Unpunched	18" x 24" (46 x 61 cm)	3.2 mm
RT-1824	Unpunched	24" x 36" (61 x 91.75 cm)	3.2 mm

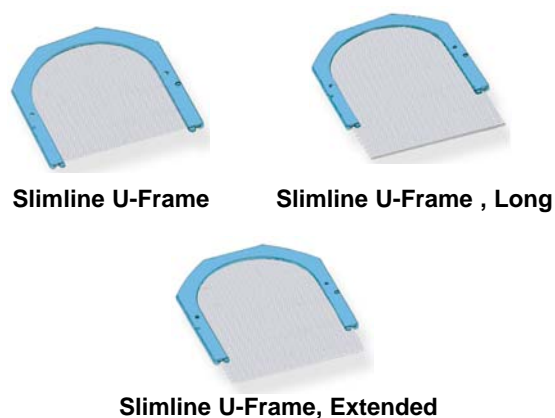
POSITIONING & IMMOBILIZATION PRODUCTS

AQUAPLAST FRAMES



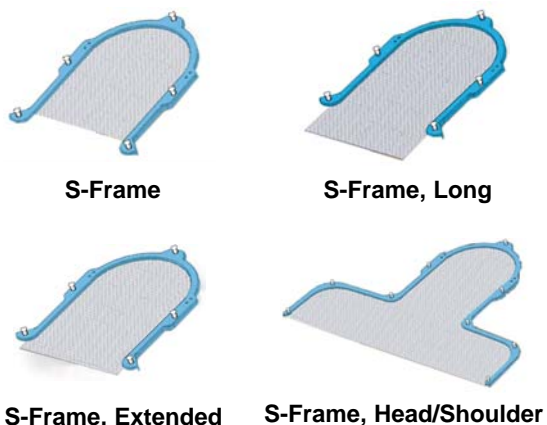
Item	Aquaplast U-Frames	Thickness
RT-1679	U-Frame	1.6 mm
RT-1679X	U-Frame, Extended	1.6 mm
RT-1779	U-Frame	2.4 mm
RT-1779L	U-Frame, Long	2.4 mm
RT-1779X	U-Frame, Extended	2.4 mm
RT-1889	U-Frame	3.2 mm
RT-1889L	U-Frame, Long	3.2 mm
RT-1889X	U-Frame, Extended	3.2 mm
RT-1989	U-Frame	4.8 mm

Item	Aquaplast Slimline U-Frames	Thickness
RT-1679S	Slimline U-Frame	1.6 mm
RT-1779S	Slimline U-Frame	2.4 mm
RT-1779SL	Slimline U-Frame, Long	2.4 mm
RT-1779SX	Slimline U-Frame, Extended	2.4 mm
RT-1889S	Slimline U-Frame	3.2 mm
RT-1889SL	Slimline U-Frame, Long	3.2 mm
RT-1889SX	Slimline U-Frame, Extended	3.2 mm
RT-1989S	Slimline U-Frame	4.8 mm
RT-1989SL	Slimline U-Frame, Long	4.8 mm



Item	Aquaplast S-Frames	Thickness
RT-1679SD	Head Only S-Frame	1.6 mm
RT-1779SD	Head Only S-Frame	2.4 mm
RT-1779SDL	Head Only S-Frame, Long	2.4 mm
RT-1779SDX	Head Only S-Frame, Extended	2.4 mm
RT-1782SD	Head/Shoulder S-Frame	2.4 mm
RT-1882SD	Head/Shoulder S-Frame, *LS	3.2 mm
RT-1889SD	Head Only S-Frame	3.2 mm
RT-1889SDL	Head Only S-Frame, Long	3.2 mm
RT-1889SDX	Head Only S-Frame, Extended	3.2 mm
RT-1892SD	Head/Shoulder S-Frame	3.2 mm

*LS = Less Stretch
T-pins are included with all S-Frames



OPTI-HANDLES™

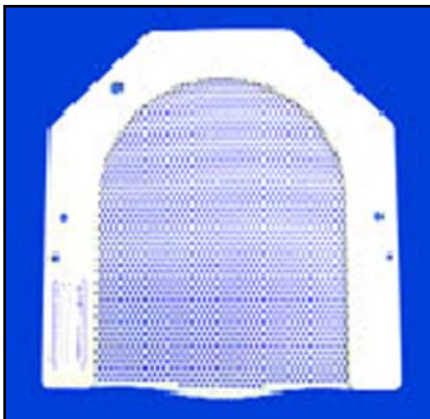


Photo shown with Indexing Pins (not included)

Item	Reusable Opti-Handles
RT-4453	9" (22 cm), Pair
RT-4454	for use with Aqua-Brief, 12" (30 cm), Pair
RT-4458	18" (45 cm), Pair
RT-4457	24" (60 cm), Pair

POSITIONING & IMMOBILIZATION PRODUCTS

KLARITY® CONTOUR AND EZ FRAMES



- **Low Melt Temperature:** Reduces set-up time and shrinkage for maximum patient comfort
- **Smooth Edge Comfort Design:** Reduces discomfort around the neck line
- **Low Profile Frame:** More beam angles can be utilized
- **ID Label**
- **Fit most head and neck boards in the industry**

Klarity Contour Frames and EZ frames are the most popular U-frames used in the industry. They have both a low melt temperature, which reduces set-up time and shrinkage for maximum patient comfort. The material is smoother for patient comfort and has an extended cooling time for longer manipulation.

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Item KLRT-450U Klarity® Contour Frames (9" x 10", 2.5 mm)

- Reinforced nose for added rigidity
- Contoured, perforated patch pattern for easier breathing and increased comfort for the eyes and mouth



Item KLRT-430UC Klarity® EZ Frame (9" x 10", 3.2 mm)

- Thicker for a more rigid mold
- Smooth edge comfort design exclusively from Bionix



Item KLRT-430W Klarity® Profile Frame (10" x 10", 3.2 mm)

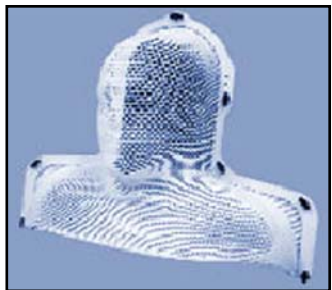
- Narrow frame and more thermoplastic
- Extended version also available

Item #	Klarity® Disposable Masks	Thickness	Size
KLRT-410U	U-Frame	1.6mm	9" x 10"
KLRT-411U	Extended U-Frame	1.6mm	9" x 12"
KLRT-420W	Profile Frame	2.4mm	10" x 10"
KLRT-421U	Extended U-Frame	2.4mm	9" x 12"
KLRT-421W	Extended Profile Frame	2.4mm	10" x 12"
KLRT-450U	Contour U-Frame	2.4mm	9" x 10"
KLRT-430UC	EZ Frame U-Frame	3.2mm	9" x 10"
KLRT-430W	Profile Frame	3.2mm	9" x 10"
KLRT-431U	Extended U-Frame	3.2mm	9" x 12"
KLRT-464W	IMRT SecureFrame Profile Mask	3.2mm	

Used with All Bionix Standard Headboards and Most Other Headboards

POSITIONING & IMMOBILIZATION PRODUCTS

KLARITY® S-TYPE FRAMES



Item KLRT-461

S Type-S Frame, Head/Shoulder

- Transmission factor is less than carbon fiber
- Easy-to-use push/pull expansion knob system
- Thermoplastic has minimal shrinkage
- Will not stick to the board or patients' clothes
- Low melt temperature
- Long melting period

The S-Type thermoplastic line was designed to offer dependable immobilization for the S-Type system.

Item #	Klarity® Disposable Masks	Thickness
KLRT-460S	Type-S Frame, Head/Shoulder	2.4 mm
KLRT-460SH	Type-S Frame, Head Only	2.4 mm
KLRT-461S	Type-S Frame, Head/Shoulder	3.2 mm
KLRT-461SH	Type-S Frame, Head Only	3.2 mm
KLRT-464S	Type-S IMRT SecureFrame Style, Head/Shoulder	3.2 mm
KLRT-464SH	Type-S IMRT SecureFrame Style, Head Only	3.2 mm

Used with the S-Type Boards for Head and Neck IMRT

KLARITY® THERMOPLASTIC SHEETS

Klarity® low-melt thermoplastic material designed specifically for Radiotherapy. Thermoplastics are ideal for use with Bionix® Max2™ Torso Board, the Pelvis/Belly Board and the versatile SuProne Pituitary

Board. This material provides unlimited opportunities for designing customized immobilization to meet patient and treatment needs.

Item #	Klarity® Thermoplastic	Size	Thickness
KLRT-224C	Solid Sheet, Punched on 18"	18" x 24"	2.4 mm
KLRT-224D	Perforated Sheet, Punched on 18"	18" x 24"	2.4 mm
KLRT-324C	Solid Sheet, Punched on 18"	18" x 24"	3.2 mm
KLRT-324D	Perforated Sheet, Punched on 18"	18" x 24"	3.2 mm

Used with the Pelvis Belly Board Plus, Prone Breast Board, and Max3 BreastBoard

Item #	Klarity® Thermoplastic	Size	Thickness
KLRT-141P	Perforated Sheet	12" x 12"	1.6 mm
KLRT-241P	Perforated Sheet	12" x 12"	2.4 mm
KLRT-341P	Perforated Sheet	12" x 12"	3.2 mm

Used with the Max2 BreastBoard

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POSITIONING & IMMOBILIZATION PRODUCTS

KLARITY GREEN® THERMOPLASTIC MASKS

- Least shrinkage of all leading thermoplastic masks
- 50% longer working time for detailed, better-fitting masks
- 100% non-stick surface when heated
- Low working temperature 160°-165° F
- Stronger than traditional RT thermoplastics
- Ultra-secure reinforcing perforation pattern
- Use with standard U-Frame systems from CIVCO, Klarity, WFR/Qfix, Bionix and others

The Klarity Green® thermoplastic masks fit on most major manufacturer's headboards and S-frame systems. Klarity Green® thermoplastic material does not stick to itself and has a longer working time than other thermoplastic material.

KLARITY GREEN® U-FRAMES



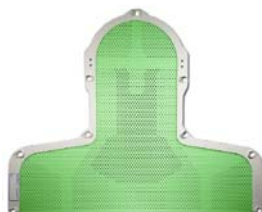
Item	Klarity Green®	Thickness
KLRG-430-1W	Reinforced Head Mask-U-Frame	3.2 mm

KLARITY GREEN® S-FRAMES

- T-Lok™ pin design for easy on/off and less breakage
- Use with standard S-Frame systems from CIVCO, Klarity, WFR/Qfix and others



KLRG-461-4SHT



KLRG-461-4ST



KLRG-461-5SHT

Item	Klarity Green® IMRT	Thickness
KLRG-460-4SHT	Reinforced Head Mask S-Type	2.4 mm
KLRG-460-4ST	Reinforced H&S Mask S-Type	2.4 mm
KLRG-461-4SHT	Reinforced Head Mask S-Type	3.2 mm
KLRG-461-4ST	Reinforced H&S Mask S-Type	3.2 mm
KLRG-461-5SHT	Reinf Head Mask(Ext) S-Type	3.2 mm

POSITIONING & IMMOBILIZATION PRODUCTS

SOFTSTRIPS™ COVERS



- Split backing for quick and easy application
- 0.5" (1.27 cm) separated lateral slits for curved edges
- Cushioned for patient comfort and safety
- Rugged for use during entire duration of treatment

SoftStrips™ Covers are cushioned 1" wide (2.54 cm) adhesive tape designed to bring comfort to the patient from the sharp jagged edges created from holes cut out of thermoplastic masks. SoftStrips™ Covers have a convenient split backing enabling therapists to easily apply this cushy tape to the thermoplastic mask.

SoftStrips™ Covers have lateral slits every 0.5" (1.27 cm) to allow for easy adhesion around bends and curves. The SoftStrips™ adhesive is designed to remain on the thermoplastic mask for the duration of treatment, up to 8 weeks. They are perfect for covering the area around the holes for eyes, nose, and mouth

Item #	Description	Size
253-300	SoftStrips™ Covers	144" L x 1" W (366 x 2.54 cm)

UNLIMITED SCISSORS



The Unlimited Scissors cuts through softened or unsoftened thermoplastics with powerful leverage. The flexible, non-slip handles provide a comfortable grip for right or left hands.

Item #	Description
RT-4932	Unlimited Scissors

THERMOPLASTIC WARMER



The spacious stainless steel interior will accommodate thermoplastic sheets up to 24" x 18" (610 mm x 457 mm). The hinged stainless steel lids are functionally designed to open completely or one side only, with just one hand, leaving the other hand free. This unique design allows handy access to just half the pan when preparing smaller sheets.

This model features dual thermostatic controls (factory preset at 175°F (80°C) on high and 160°F (72°C) on low) that can be individually adjusted to conform to particular requirements. Dual independent heating elements for both settings provide quick warm up and automatically convert to a more efficient circuit once working temperature is reached. This warmer features a side drain with a plastic hose that has a ball valve shut off.

Specifications

- Overall Dimensions:** 28.5" L x 21" W x 7" H (720 x 530 x 180 mm)
- Interior Tank Dimensions:** 24.25" L x 18.25" W x 4" H (616 x 464 x 101 mm)
- AC cord:** 11' (3.4 m) w/hospital grade plug
- Voltage:** 120 VAC (220 VAC available)
- Amperage:** 12 Amps
- Frequency:** 50/60 Hz
- Low Wattage:** 720 Watts
- High Wattage:** 1,440 Watts
- Weight:** 52 lb (23 kg)

- Stainless Steel
- Heavy Duty Construction
- Digital Thermometer
- High/Low Temperature Control

Item #	Description
278-100	Thermoplastic Warmer, Stainless Steel, 120VAC
278-102	Thermoplastic Warmer, Stainless Steel, 220-240VAC

POSITIONING & IMMOBILIZATION PRODUCTS

DIGITAL THERMOPLASTIC WATER BATH



- Lift Up Drain Tray for Easy Removal of Thermoplastic
- Water Temperature Stability $\pm 2^\circ$
- Microprocessor Proportional-Integral-Derivative (PID) Temperature Control
- "J" Thermocouple
- Open Thermocouple Sensor Will Shut Unit Down
- Temperature Displayed in Fahrenheit or Celsius
- Easy View Side Panel Controls
- Control Panel is Customer Removable
- Timer with Three Second Bell Ring
- Cover is Cool to the Touch
- Hinged or Removable Cover
- Exterior Stays Cool Even After Hours of Operation
- Heating Elements will not Burn Out if Thermoplastic Water Bath Accidentally Runs Dry
- Over Temperature Bi-Metal Disc Thermostat
- Large Drain and Hose
- Easy to Clean
- Stainless Steel Corrosion-Resistant Interior and Exterior

The Digital Thermoplastic Water Bath has a spacious interior to accommodate radiation therapy thermoplastic masks, hip molds and splinting sheets up to 21" x 25" (53 cm x 63 cm). The insulated stainless steel lid is functionally designed to open completely with just one hand, leaving the other hand free. Or, the rod hinge can be removed so the cover can be completely removed and placed on a shelf under the unit. This will allow the unit to sit on a counter with over the counter cabinets. The rugged design makes it universally ideal for clinical use. It features polished stainless steel housing, an insulated stainless steel cover and a side mounted, easy to view control panel.

The EZ-Zone® Digital PID Temperature Controller has two digital readouts, temperature and set point. It can maintain water at controlled temperatures between 100°F to 190°F (38°C to 88°C). The heating element provides even water temperatures throughout the entire unit.

An 8' (2.4 m) AC Cord with grounded hospital grade plug is standard. The units are constructed with a bottom drain for easy water removal and cleaning. Included is a 5' (1.5 m) vinyl drain hose that attaches to the side drain hose barb fitting and ball valve.

All units need special plugs and receptacles depending on the country. The temperature displayed is set to Fahrenheit at the factory; however, this can be changed to Celsius by the end user. All units are single phase, 50/60 Hz.

Specifications

Water Temperature Range: 100 to 190°F or 88°C

Temperature Accuracy: $\pm 2^\circ$

High Limit Temperature: 190°F or 88°C

Temperature Controller Type: PID

Thermocouple: J

Mechanical Timer: Up to 15 Minutes with a 3 Second Bell Ring

Power Source: 120 VAC 12 Amps 1480 Watts and 200/240 VAC 10.5 Amps, 2081/2518 Watts

Line Frequency: 50-60 HZ

Electronic Switching: Triac with Zero Crossover Switching

On/Off Switch: 20 Amp, Waterproof

Fused: Two Fuses for AC Lines

Power Cord: 8' (2.4 m) 3 Wire, 300 Volt, SJT, with Hospital Grade Plug

Over Temperature: 213°F Bi-Metal Disc Thermostats

Drain: Ball Valve with Hose Barb

Drain Hose: 3/8" ID x 5' (1 cm x 1.5 m)

Thermoplastic Water Bath

Insulated Cover: Lift Up or Removable, Stainless Steel

Cover Clearance: 35" W x 32" D x 32" H (89 x 81 x 81 cm)

Interior Dimension: 25" L x 21" W x 5" D (63 x 53 x 12 cm)

Interior Material: Stainless Steel

Depth Markings Inside: 2", 3" and 4" (5, 7.6, and 10 cm) Indentations

Exterior Dimensions: 35" L x 25" W x 8.5" D (89 x 64 x 22 cm)

Exterior Material: Stainless Steel

Water: Use Distilled or Filtered to Prevent Mineral Deposits from Forming In Thermoplastic Water Bath

Item	Digital Thermoplastic Water Bath
278-120	120 VAC, 1480 W, 12 Amps
278-240	200/240 VAC, 2081/2518 W, 10.5 Amps

All Units's are single phase, 50/60 Hz.

Item #	Accessories
278-305	Perforated Stainless Steel Tray
278-308	Tray Lift Cable
278-310	Mesh Liner for Perforated Stainless Steel Tray
278-311	Mesh Liner Retainer Pin, Ribbed Push-in Pin
640-040	BKF Cleanser and Polish for Stainless Steel
640-044	Liquid Cleaning Polish Conditioner for Stainless Steel
640-048	LIME-A-WAY, Lime, Calcium and Rust Remover
878-160	Scotch-Brite Cleaning Pads, 10/Pkg

POSITIONING & IMMOBILIZATION PRODUCTS

THERMOPLASTIC ELECTRIC HEATING PANS



RT-2305

Item RT-2305 Heating Pan, Compact with Lift Off Lid

Item includes a hospital grade plug and is constructed of UL approved components.



RT-2061DS

Item RT-2061DS Stainless Steel Aquapan, Hinged Lid

Item is double-walled with insulated housing, tank and hinged lid. It includes an illuminated ON/OFF switch, a hospital grade plug, a quarter turn drain valve, and has an adjustable temperature range of 100° to 185°F.

Item #	Description	Outside Dimensions	Inside Dimensions	Power
RT-2305	Heating Pan, Compact with Lift Off Lid		16" W x 12" D x 3.75" H (40.6 x 30.5 x 9.5 cm)	1500 W, 120 V
RT-2061DS	Stainless Steel Aquapan, Insulated, Hinged Lid	28.5" W x 21" D x 7" H (72.4 x 53.3 x 17.8 cm)	24.5" W x 19.5" D x 4" H (62.2 x 49.5 x 10.2 cm)	110 V

THERMOPLASTIC WARMING PAN



- Interior liner formed out of tough stainless steel
- Certified by the following agencies: CE, UL & UL (Sanitation Classified, CSA)

Each unit is equipped with a 60" (152.4 cm), three wire grounded power cord which terminates with a standard three pronged male plug. The 120V unit uses a NEMA 5-15P plug.

Specifications

Inside Dimensions: 19 5/16" L x 11 5/16" W x 6 1/4" H
(49 x 28.7 x 15.8 cm)

Overall Dimensions: 22 1/2" L x 14 1/2" W x 9" H
(57 x 36.8 x 22.8 cm)

Electrical: 120 V, 1200 watts, 10 amps.

Temperature Range: 90° to 190°F (32° to 88°C)

Weight: 30 lb (13.7 kg)

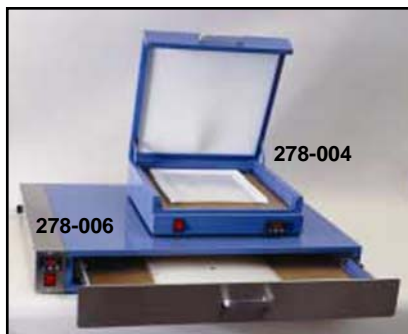


Item #	Description
278-001	Warming Pan
278-002	Hinged Flat Cover for Warming Pan

- Unique "serpentine shaped" heating element that evenly distributes heat throughout the unit.
- Provided with insulation to protect interior parts and countertops from heat build-up
- Unit is designed to be used with water, but will not be damaged if runs dry
- Steel "element support" stabilizes heating elements and reflects heat to pan
- All stainless steel well pan and housing
- Heavy-duty wiring extends element life
- Infinite temperature control
- Constructed with heavy duty stainless steel for excellent durability

POSITIONING & IMMOBILIZATION PRODUCTS

THERMOPLASTIC DRY HEAT WARMERS



- Digital dry heat temperature control
- Space saving compact design
- Non-stick surface
- Insulated case
- Even heating
- Water-less - no spilling of hot water

The Thermoplastic Dry Heat Warmers are used to soften thermoplastics used for immobilization. The insulated cases and space-saving compact designs are perfect even for the most crowded department. The warmer (Item 278-004) can be piggy backed on to the second warmer (Item 278-006) as a space saving method.

The Thermoplastic Dry Heat Warmers with digital temperature control makes it easy to select the setting to warm your thermoplastic material to its proper consistency and keep it viable until you are ready to use it. Thermoplastic material will be ready to use in five to fifteen minutes, depending on the size and thickness of the material, and whether it is framed or unframed.

Planet thermoplastic can be left in the warmer for an extended time. Other thermoplastics need to be removed when softened or may become sticky. It is recommended to have a water spray bottle to spray thermoplast before removing from the warmer. It is recommended to do some test samples before using.

Specifications

15.25" L x 15" W x 4.75" H

Item 278-004

Thermoplastic Dry Warmer with Easy Lift Lid

Sheet Capacity: 12" x 12" (30.5 x 30.5 cm)

Power Source: 120VAC at 60 Hz, 4 Amps

Power Cord: 6' Long (1.8 m), 3-Conductor

Exterior Dimensions: 15.25" L x 15" W x 4.75" H, 20" with lid raised (38.7 x 38.1 x 12, 50.8 cm)

Finish: Blue Enamel with Stainless Steel Trim

Weight: 15 lb (7 kg)

Item 278-006

Thermoplastic Dry Warmer with Easy Slide Drawer

Sheet Capacity: 18" x 24" (45 x 60 cm)

Power Source: 120VAC at 60 Hz, 11 Amps

Power Cord: 6' Long (1.8 m), 3-Conductor

Exterior Dimensions: 23" L x 31.125" W x 4.437" H (58.4 x 79 x 11.3 cm)

Finish: Blue Enamel with Stainless Steel Trim

Weight: 45 lb (20.5 kg)

Item #	Description
278-004	Thermoplastic Dry Warmer with Easy Lift Lid
278-006	Thermoplastic Dry Warmer with Easy Slide Drawer

POSITIONING & IMMOBILIZATION PRODUCTS

SECUREVAC™ CUSHIONS



Bionix SecureVac™ vacuum cushions are durable, accurate and cost-effective. They are reusable and airtight, filled with small polystyrene spheres to immobilize the patient. SecureVac™ cushions feature a stonger nylon material to prevent punctures and leaks.

Item #	SecureVac™	Size	Liter Fill
244-400	Cushion	50 x 20 cm	2.25
244-402	Head and Shoulder	65 x 67 cm	10
244-404	Cushion	70 x 50 cm	15
244-406	Cushion	70 x 70 cm	20
244-408	Cushion	100 x 70 cm	30
244-410	Cushion	100 x 70 cm	35
244-412	Cushion	100 x 100 cm	50
244-414	Body Cushion	150 x 70 cm	55
244-416	Cushion	150 x 100 cm	80
244-418	With Pelvic Portal	100 x 70 cm	35
244-426	VersaCushion	32 x 15 x 9 cm	2
244-442	Repair Kit		

- D**
- Constructed from thick nylon for durable, rigid molds
 - Maintains form during 6 to 8 week treatment cycle
 - Dual check valve with hose clamp to further reduce leakage potential
 - Adapts to industry standard pumps
 - Able to lock down to most couch tops



Item 244-420
SecureVac™ Tri-Vac, 3 Chambered Cushion
 215 x 70 cm, 52L Fill

The Tri-Vac Cushion is designed for full body immobilization. The cushion has three separate chambers:

- Upper Chamber 65L x70Wcm, 12L Fill
- Middle Chamber 65L x 70Wcm, 12L Fill
- Lower Chamber 90L x70cm, 35WL Fill

Item 244-422
SecureVac™ T-Vac, 2-Chambered Cushion
 165 L x 130 W cm, 70L Fill

The T-Vac cushion has two separate chambers and is shaped like the letter "T". The shape allows the SecureVac™ Cushion to be a popular choice for immobilizing upper extremities. It works extremely well when utilized with a Butterfly Board.

- Upper Chamber 60 L x 130 W cm, 35L Fill
- Lower Chamber 100 L x 70 W cm, 35L Fill

Item 244-424
SecureVac™ Tri-Vac, 3-Chambered Cushion with Thigh Bolster
 215 x 70cm, 52L Fill

The Tri-Vac Cushion with Thigh Bolster is the perfect solution for patients that need extra support under their knees. The built-in wedge can easily be positioned anywhere within the cushions lower chamber.

- Upper Chamber 65L x70Wcm, 12L Fill
- Middle Chamber 65L x 70Wcm, 12L Fill
- Lower Chamber 90L x70cm, 35L Fill
- Built-in wedge 18" L x 6" W (46 x 15 cm)

The Multi-Chamber SecureVac Cushions are the newest addition to Bionix's SecureVac Cushion Line. This innovative, patent pending design provides therapists with the ability to easily create large full body molds. Each chamber is formed independently from the other to ensure a custom mold is formed around each patient's anatomical contours. The multi-chamber design also makes it easy to recreate a section without losing the entire mold. The cushions work well with the Bionix Omni V SBRT Patient Positioning System, Butterfly Boards or as an independent patient positioning device. In efforts to promote a safe clean environment, the multi-chamber cushions also feature a built-in an antimicrobial agent proven to be effective in providing protection against mold, mildew and bacteria.

Item #	SecureVac™
244-420	Tri-Vac, 3 Chambered Cushion
244-422	T-Vac, 2-Chambered Cushion
244-424	Tri-Vac, 3-Chambered Cushion

POSITIONING & IMMOBILIZATION PRODUCTS

SECUREVAC™ ACCESSORIES

Item #	Pump to Cushion Hose Adapter	Length
244-440	Bionix Pump to Bionix Cushion	8' (2.4 m)
244-444	Bionix Pump to VacFix Cushion	8' (2.4 m)
244-446	Bionix Pump to CIVCO Cushion	8' (2.4 m)
244-448	Civco Pump to Bionix Cushion	6" (15 cm)
244-450	Central Vac Pump to Bionix Cushions	8' (2.4 m)
244-452	Bionix/CIVCO Pump to Bionix Cushion	8' (2.4 m)



The cost-effective SecureVac Pump is lightweight and easy to carry. The pump allows ample time to mold the SecureVac cushion to exact positions desired. The SecureVac Pump deflates and inflates for easier molding. Easy attachments and hose provided to connect to the cushion.

Item #	Description
244-430	SecureVac™ Dual Action Pump, 120V



The dual-pronged high-density SecureVac Bar Adapter is perfect for locking down smaller Vacuum Cushions to your couch top. The medium profile offers enough depth for precise reproducibility and localization; and is small enough that it will not be felt by the patient. Simply attach the Bar Adapter to your Lockdown Bar utilizing the locator holes, and then lock the unit down to the couch top as normal.



244-434

Item 244-434 T-Form SecureVac™ Box Adapter

This radiolucent adapter is easy to use and more cost effective than the carbon fiber alternative. This box adapts right on top of a SecureFit Bar which locates on most treatment couches. Place the SecureVac Bag on top of the adapter as you mold. You will utilize the T-Form SecureVac Box Adapter for each subsequent set-up to ensure maximum reproducibility.



244-435

Item 244-435 Carbon Fiber SecureVac™ Box Adapter

This carbon fiber adapter is easy to use and very cost effective. This box adapts right on top of the SecureFit™ Bar which locates on the Varian Couch. Place the SecureVac™ Bag on top of the adapter as you mold. After you mold, detach The SecureVac Box Adapter and use again.

Item #	Description
244-432	SecureVac™ Bar Adapter

Item #	Description
244-434	T- Form SecureVac™ Box Adapter
244-435	Carbon Fiber SecureVac™ Box Adapter



High quality rack available to safely and conveniently store your SecureVac™ cushions. The rack is very mobile and holds up to 7 to 10 bags. S-hooks are also available to hang your SecureVac™ bags for easy handling.

Specifications

Size: 61" L x 23" W x 65" H (155 x 58.5 x 165 cm)



S Hooks are available to hang your bags. They include plastic-covered tips which protect the bags.

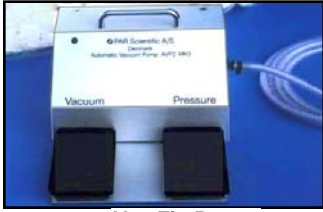
Item #	Description
244-436	Storage Cart for Vacuum Cushions

Item #	Description
244-438	"S"- Hooks for Storage Cart, 5/Pkg

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POSITIONING & IMMOBILIZATION PRODUCTS

VAC FIX SYSTEM



Vac Fix Pump



Vac Fix Patient Jig



Vac Fix Pumping Station

The Vac Fix Pumping Station was designed to leave your hands free to mould the Vac Fix Cushions quickly and efficiently.

The Vac Fix Pumping Stations ensures ideal vacuum for firm and stable shells: A tone sounds when the correct vacuum has been reached so there is no need to guess when a complete vacuum has been achieved. The pump's compact lightweight design (just 25 lbs.) and handles for easy carrying make it ideal for the most crowded department.

When the right side of the foot pedal (vacuum side) is depressed once, the pump will start and evacuate the air. When it is depressed again the pump will stop.

When the left side (inflate side) is pressed, the pump will force air into the bag as long as the pedal is pressed down.

Using an existing form of vacuum

Your wall vacuum connection or an existing pump must be able to pull down to approx. 23" of mercury. If an in house vacuum system is to be used an adapter can be supplied upon request. This adapter will enable an existing 1/4" ID air hose to mate with the vac fix valve.

Positioning Guides For Accelerator & Simulator Tables.

In order to position the vac fix shell precisely on the therapy table, positioning guides can be used between the shell and table.

Females guides (blue), attach to the vac fix shell and have a self adhesive backing. Males guides (white) are available with a self adhesive backing or with a dowel base and are attached to the treatment table.

Features:

- Reuseable
- Precise
- Comfortable
- Non-toxic
- Fast and easy to use
- Maintains shape throughout the 6 week treatment period
- Custom shapes and sizes available

Save time and money with Vac Fix

The Vac Fix bag consists of an airtight bag filled with small polystyrene spheres. The Vac Fix bags are almost air equivalent and will only increase the build-up effect by a few percent.

The vacuum-based Vac Fix System is fast and comfortable to work with and consists of only a few components. The reusability of the bags combined with the fast and clean fixation gives your department the best cost-benefit ratio. Correction of positioning can be done in a few minutes.

The patient jig is designed for making shells ready for the simulator or accelerator. Curved sides on the patient jig can be used for molding shells for fixation for CT or MR scanning.

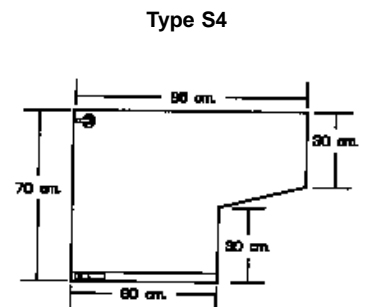
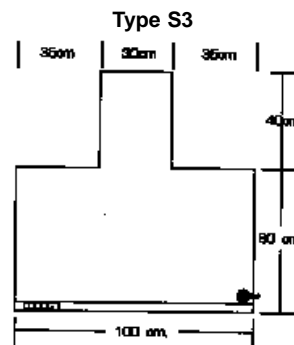
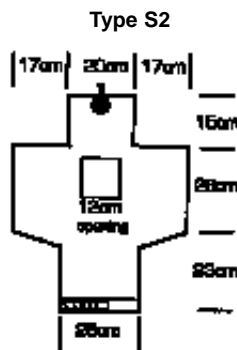
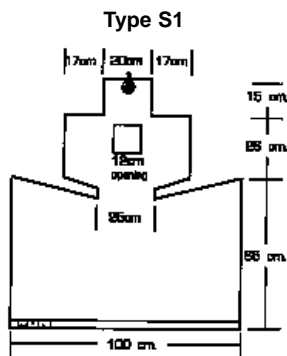
Maximum accuracy

Radiotherapy treatment is moving towards an increased use of multi-fractioned, multi-field and rotational treatment based on sophisticated computer technology. This demands maximum fixation accuracy.

Tests made at several oncology centers have shown that with only a few weeks of practice, the same accuracy in day-to-day reproducibility of positioning can be obtained using the Vac Fix System as with any other fixation system which has been used for years. A standard deviation of the center cross of 1.5 mm was achieved.

Perfect fixation in less than 5 minutes

Place the patient on the air-filled bag in the treatment position, evacuate the bag for a few seconds, mold the bag to the desired shape giving the patient the best fixation and points of support, evacuate the bag until it becomes rigid and you have a perfectly shaped mold cushion in just a matter of minutes.



POSITIONING & IMMOBILIZATION PRODUCTS

Item #	Description	Size	Liter Fill
244-108	Extra Large Vac Fix Cushion	100 cm x 150 cm	65
244-109	Extra Large Vac Fix Cushion	100 cm x 150 cm	70 *
244-110	Extra Large Vac Fix Cushion	100 cm x 150 cm	75
244-111	Large Vac Fix Cushion	100 cm x 100 cm	35
244-112	Large Vac Fix Cushion	100 cm x 100 cm	40 *
244-113	Large Vac Fix Cushion	100 cm x 100 cm	45
244-114	Large Vac Fix Cushion	100 cm x 100 cm	50
244-116	Medium Vac Fix Cushion	70 cm x 100 cm	25
244-117	Medium Vac Fix Cushion	70 cm x 100 cm	30 *
244-118	Medium Vac Fix Cushion	70 cm x 100 cm	35
244-119	Medium Vac Fix Cushion	70 cm x 100 cm	40
244-121	Arm/Leg Vac Fix Cushion	25 cm x 100 cm	6.5 *
244-122	Arm/Leg Vac Fix Cushion	25 cm x 100 cm	7.5
244-131	Arm/Leg Vac Fix Cushion	25 cm x 50 cm	1.75
244-132	Arm/Leg Vac Fix Cushion	25 cm x 50 cm	2 *
244-133	Arm/Leg Vac Fix Cushion	25 cm x 50 cm	2.25
244-140	Small Vac Fix Cushion	60 cm x 70 cm	12
244-142	Small Vac Fix Cushion	50 cm x 70 cm	12.5
244-143	Small Vac Fix Cushion	50 cm x 70 cm	15
244-150	Head & Neck Vac Fix Cushion	Type S1	15

Item #	Description	Size	Liter Fill
244-151	Head & Neck Vac Fix Cushion	Type S1	17.5 *
244-152	Head & Neck Vac Fix Cushion	Type S1	20
244-153	Head & Neck Vac Fix Cushion	Type S1	25
244-160	Head Vac Fix Cushion	Type S2	3 *
244-161	Head Vac Fix Cushion	Type S2	4
244-162	Head Vac Fix Cushion	Type S2	5
244-163	Head Vac Fix Cushion	Type S2	6
244-171	Neck & Thorax Vac Fix Cushion	Type S3	22.5 *
244-172	Neck & Thorax Vac Fix Cushion	Type S3	25
244-173	Neck & Thorax Vac Fix Cushion	Type S3	30
244-188	Breast Vac Fix Cushion	Type S4	27
244-189	Breast Vac Fix Cushion	Type S4	30
244-190	Breast Vac Fix Cushion	Type S4	50
244-195	Extra Valve Clamp- Package of 10		
244-200	Vac Fix Patient Jig w/Straight Sides		
244-202	Vac Fix Patient Jig w/Curved Sides		
244-214	Cushion Repair Kit -- Repair Kit Includes: Material for approximately 12 Repairs & 1 Tube of Glue		
244-220	Vac Fix Pumping Station		
244-230	Air Hose Assembly for use with Hospital Central Vacuum		

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* Suggested Liter fill for 1st order.
Special sizes, shapes, and liter fill available.

VACUUM CUSHION STORAGE RACK



- Keeps molded cushion safe and clean for increased cushion life
- Suitable for space limited treatment areas
- Hooks allow for quick, easy removal and hanging
- Highly mobile rack can go just about anywhere
- Supports any size of vacuum cushion
- 4-inch casters for easy movement over a variety of surfaces
- Folds flat for storage when not in use

The hook and rod system safely stores and organizes the molded cushions, keeping them off the floor and within easy reach. The rack also ensures that the cushions remain clean and are protected from damage, thereby extending cushion life.

Specifications

Hooks: 10 per unit, steel
Dimensions: 48" L with two 12" extensions, 22" W, Height Adjustable to 55, 60, or 65".
Weight: 35 lbs.
Caster Set: 4", ball-bearing
Construction: Chrome-plated, one-inch steel tubing.

Item #	Description
244-348	Vacuum Cushion Storage Rack
244-349	Additional Hooks - Pkg/10

VACUUM CUSHION STORAGE SHELVING



- Convenient storage for all sizes of vacuum cushions
- 4 inch casters provide mobility
- No hooks necessary
- Easy to assemble
- Adjustable rail height and straps

The Vacuum Cushion Storage Shelf was made to meet the need of storing the vacuum cushions used in radiation oncology departments. The shelves allow the molded cushions to be stored flat and off the floor, which prolongs the life of the cushions.

Specifications

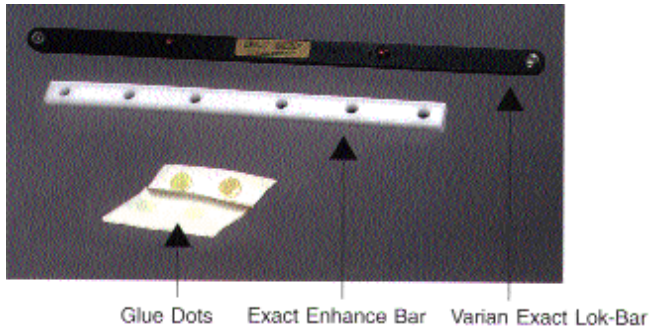
Material: PVC and Nylon Straps
Casters: 2" Swivel
Dimensions: 88" W x 24" D x 75" H

Item #	Description
244-360	Vacuum Cushion Storage Shelving

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POSITIONING & IMMOBILIZATION PRODUCTS

EXACT ENHANCE BAR



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This product was designed to “ENHANCE” the EXACT BAR used with the Varian Accelerator Exact Treatment Couch. The EXACT BAR can be adapted to the vacuum bags, 2 part foam cushions, bellyboards or any number of body support cushions with the use of the Glue Dots™.

The Enhance Bar is made of high-density polyethylene material. Measurements are 1” w x 16” L and 1/2” in thickness.

There are 6 holes drilled in the enhance bar. You have the choice of centering or shifting laterally 2 3/4” in either direction.

- Consistent in accurate positioning
- Easier location of “EXACT Bar” and vacuum bags, foam or support cushions
- Replacement guarantee against chipping, breaking or warping.

Preparation of the EXACT Enhance Bar

1. Seat your Varian EXACT Lok-Bar or similar bar in a “notch” along the length of the couch/table top.
2. Place the EXACT Enhance Bar onto the Lok-Bar matching the “two pegs” or similar design unit.
3. Now use “Glue Dots” to adhere the EXACT Enhance Bar to your immobilization form. This is done by taking two or three “Glue Dots” and pressing the open side into the EXACT Enhance Bar. Remove the wax paper and repeat for each glue dot.
4. Place the patient immobilization form on top of the Bar/Glue Dots. When your form is completed, the EXACT Enhance Bar will be attached to your form and can easily be removed and resealed onto the Lok-Bar when needed.

The EXACT Enhance Bar can be used repeatedly. The Glue Dots are easily replaced by simply “rolling” them off the bar or form and discarding them.

Item #	Description
244-250	Exact Enhance Bar

GLUE DOTS™



Easy to use, simply touch item to glue dot and lift. The Glue Dot will transfer to the item. It is not necessary to remove the Glue Dot with fingers.

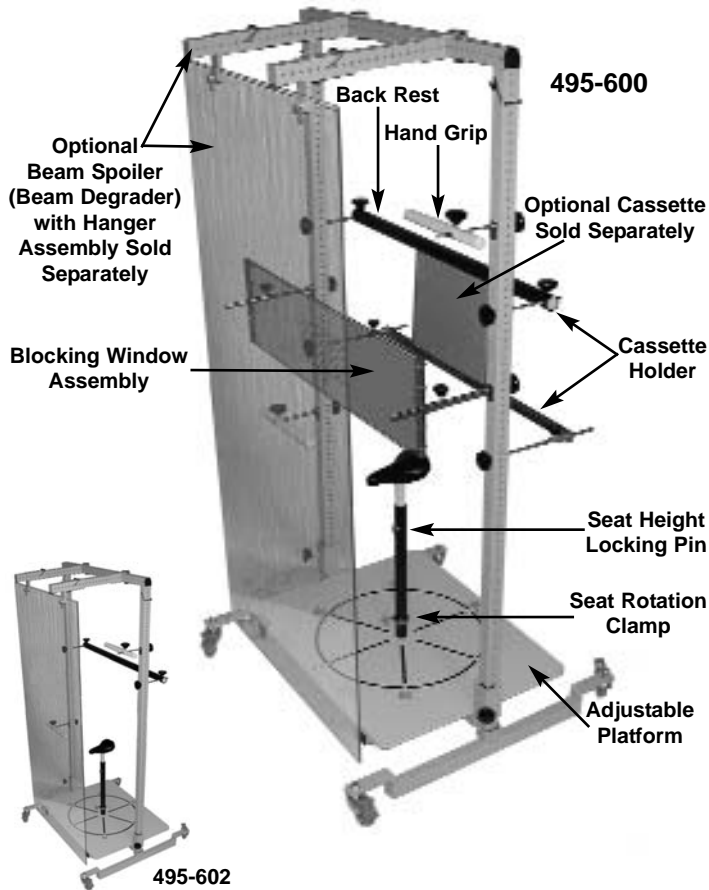
Glue Dots are 1/8” (0.3 cm) high and 3/4” (1.9 cm) round and come in a dispenser box. Dots cannot be reused.

Item #	Description
244-255	Glue Dots, 500/Pkg

POSITIONING & IMMOBILIZATION PRODUCTS

TOTAL BODY IRRADIATION STAND

Custom Made to Customer Specifications



The platform of the Total Body Stand is in the lowest position at 3" (7.6 cm) from the floor and is adjustable upward in 1" (2.5 cm) increments. This will allow centering the patient to the central axis of the beam. The platform is made of plywood covered in formica and has a mounting hole for the seat post. Long and short seat posts are included to provide maximum adjustment, in 1/4" (0.64 cm) increments, of the seat height. The seat height is determined and the seat is locked to the seat post. The seat angle is set by rotating seat post and locking when position is selected.

The Total Body Stand frame is made of 2" (5 cm) steel tubing. The frame consists of 2 "T" vertical posts and a top stabilizer bar. Holes spaced 1" (2.5 cm) apart on the vertical posts allow easy adjustment of all attachments. The top stabilizer bar and vertical "T" posts are removable for easy breakdown and storage. The stand has 4 swivel locking casters which allow easy movement and positioning.

A polycarbonate block holder can be mounted on the front of the vertical posts to support lung blocks or other shields. A stainless steel cassette holder can be mounted on the rear of the vertical posts. The back rest and hand grips can be used at any location on the vertical posts.

The polycarbonate block holder and the block tray for the blockroom have the exact same hole pattern. Tungsten pins can be inserted into the block holder as alignment markers.

Item 495-600 Total Body Irradiation Stand for Photons or Electrons includes: Frame and platform, 2 adjustable seat posts, seat, 2 hand grips, back rest, cassette holder, polycarbonate block holder, tungsten pins, and a block tray for the blockroom.

Item 495-602 Total Body Irradiation Stand for Electrons includes: Frame and platform, 2 adjustable seat posts, seat, 2 hand grips, and back rest.

Specifications

Overall Size: 43.25" L x 47" W x 90.75" H (110 x 119 x 231 cm)

Platform Size: 30.5" L x 38" W (77 x 97 cm)

Adjustment from Floor: 3" (7.6 cm) and up in 1" (2.5 cm) increments

Optional

The Beam Spoiler (beam degrader) is available in 3/8" (1 cm) or 1/2" thick (1.3 cm) acrylic or polycarbonate. A hanger assembly is included with any Beam Spoiler.

Acrylic Density: 1.185 g/cc

Polycarbonate Density: 1.2 g/cc

Item #	Description
495-600	Total Body Irradiation Stand for Photons or Electrons
495-602	Total Body Irradiation Stand for Electrons

Items are Custom Made and Nonreturnable

Item #	Optional	Material	Thickness
495-600-83	Beam Spoiler	Acrylic	3/8" (1 cm)
495-600-84	Beam Spoiler	Polycarbonate	3/8" (1 cm)
495-600-85	Beam Spoiler	Acrylic	1/2" (1.3 cm)
495-600-86	Beam Spoiler	Polycarbonate	1/2" (1.3 cm)

Items are Custom Made and Nonreturnable

POSITIONING & IMMOBILIZATION PRODUCTS

ROTATIONAL TOTAL BODY IRRADIATION STAND

Custom Made to Customer Specifications



Shown with Optional
Item 495-606 Safety Harness

The Rotational Total Body Stand frame is made of 2" steel tubing. The frame consists of two (2) "T" legs with casters and a top brace bar. Holes spaced 1" apart on the vertical "T" legs allow easy adjustment of the rotating platform and hand rail assembly. The Rotational TBI Stand can be taken apart easily for storage. The rotation motor is easily removable from the rotating platform by removing the four (4) mounting screws and the motor speed controller easily lifts off the vertical "T" leg. The top brace bar, vertical "T" legs, adjustable rotating platform and rotational hand rail assembly are all removable for easy breakdown. The stand has 4 swivel locking casters which allow easy movement and positioning.

Item 495-605 Rotational Total Body Irradiation Stand Includes

- Frame
- Rotation Motor
- Adjustable Rotating Platform
- Variable Motor Speed Controller 3-7 RPM
- 2 Adjustable Seat Posts
- On/Off Rotation Remote Control Cable and Connector
- Seat
- Rotational Hand Rail Assembly

Optional Accessories

Item 495-603 Electron Flattening Filter for 6 MeV Varian III Accessory Mount

Item 495-604 Wedge Tray Scale for TBI Isodose Curve, 6 MeV, Varian III Accessory Mount

Item 495-606 Safety Harness

Attaches to the rotational hand rail assembly and prevents a patient from falling.

Item 495-608 Beam Spoiler/Degrader Assembly

The optional beam spoiler is available in 3/8" or 1/2" thick acrylic or polycarbonate. A beam spoiler hanger assembly is included with any beam spoiler. Acrylic Density: 1.185 g/cc
Polycarbonate Density: 1.2 g/cc

Item 495-607 Electric Room Heater

To keep patient warm while being treated.

Item 936-583 through 936-627 Tungsten Eye Shields with Aluminum Caps

Specifications

Overall Size: 43.25 L x 44" W x 110" H (110 x 111.75 x 279.4 cm)

Platform Size: 31" L x 38" W (78.7 x 96.5 cm)

Rotating Area: 22" Diameter (56 cm)

Power: 120 VAC

Shipping Weight: 485 lb (221 kg)

The Rotational Total Body Irradiation Stand was designed for use when treating the total body with electrons.

The stand has an adjustable rotating platform that adjusts vertically based on the patient's height and will rotate 360°. The platform is marked in 45° increments. The adjustable rotating platform is in the lowest position at 3" from the floor and is adjustable upward in 1" increments. This allows centering the patient to the central axis of the beam. The rotating platform is made of plywood covered in Formica and has a mounting hole for the seat post. The Rotation Motor attaches to the rotating platform with four (4) mounting screws and the Motor Speed Controller attaches to the vertical "T" leg. The Motor Speed Controller is variable speed and adjustable from 3 to 7 RPM with scale markings at 3, 4, 5 and 6 RPM. A slow Start-up and Slow-down is designed into the Motor Speed Controller for patient stability. A 60' On/Off Rotation Remote Control Cable with a switch allows the therapist to start and stop the platform rotation from the control area.

Long and short seat posts are included to provide maximum adjustment, in 1/4" increments, of the seat height. The seat post to be used is determined by the patient's leg inseam. The seat height is determined and the seat is locked to the seat post. The seat direction is set by rotating the seat post and locking when desired direction is selected.

The rotational hand rail assembly rotates freely with patient rotation and accommodates the optional Safety Harness (Item 495-606).

Item	Description
495-605	Rotational Total Body Irradiation (TBI) Stand

Item is Custom Made and Nonreturnable

Item	Optional
495-603	Flattening Filter, Total Body, 6 MeV, Varian III
495-604	Wedge Tray Scale f/TBI Isodose Curve, 6 MeV, Varian III
495-606	Safety Harness
495-607	Electric Room Heater
495-608	Beam Spoiler/Degrader Assembly

Item	Tungsten Eye Shield with Aluminum Caps
936-583	11.6 mm Inside Dimension x 2 mm Thick
936-585	13.3 mm Inside Dimension x 2 mm Thick
936-587	15.0 mm Inside Dimension x 2 mm Thick
936-589	16.7 mm Inside Dimension x 2 mm Thick
936-591	18.4 mm Inside Dimension x 2 mm Thick
936-596	11.0 mm Inside Dimension x 3 mm Thick
936-598	12.7 mm Inside Dimension x 3 mm Thick
936-601	14.4 mm Inside Dimension x 3 mm Thick
936-623	16.1 mm Inside Dimension x 3 mm Thick
936-627	17.8 mm Inside Dimension x 3 mm Thick

POSITIONING & IMMOBILIZATION PRODUCTS

BEAM SPOILER FRAME AND BEAM SPOILERS



The Beam Spoiler Frame holds a beam spoiler for Total Body Irradiation. The frame is made of 1" (2.54 cm) square and 1.25" (3.18 cm) square steel tubing. The vertical legs are telescoping to allow a 13" (33 cm) vertical range of movement. Two hangers welded on the top horizontal bar are positioned to hold a beam spoiler in either the vertical or horizontal direction. The frame can support 1" (2.54 cm) thick (2 plates for Photons) weight up to 250 pounds (114 kg). Four 6" (15.25 cm) diameter swivel locking casters allow for easy movement of the Beam Spoiler. The frame can be dismantled for storage.

The Beam Spoiler is available in acrylic or polycarbonate in 0.375" (0.95 cm) or 0.50" (1.27 cm) thickness. The beam spoiler has two key holes on the 60" (152 cm) side and on the 80" (203 cm) side to allow for positioning on the frame in either direction. The key holes can also be used to hang the beam spoiler from wall hooks for storage.

Specifications

Item 495-004 Beam Spoiler Frame for TBI

Overall Size: 94" L x 24" W x 81" to 94" H (238.8 x 61 x 205.7 to 238.8 cm) not including casters
Finish: Durable tan textured polyurethane enamel paint

Beam Spoilers

Size: 80" L x 60" H (203 x 152.5 cm)

Item	Description
495-004	Beam Spoiler Frame for TBI

Item	Beam Spoiler	Thickness	Weight
495-005	Polycarbonate	0.375" (0.95 cm)	77 lb (35 kg)
495-006	Polycarbonate	0.50" (1.27 cm)	103 lb (47 kg)
495-007	Acrylic	0.375" (0.95 cm)	77 lb (35 kg)
495-008	Acrylic	0.50" (1.27 cm)	103 lb (47 kg)
495-010	Crating Charge for Beam Spoiler		

SELF HOLDING BEAM SPOILER WITH FLEXIBLE ARM



The Self Holding Beam Spoiler has a flexible 18" (45.7 cm) or 24" (61 cm) arm that manually adjusts for easy use. The acrylic plate has an arm rotation lock that secures the acrylic plate to the desired position. The acrylic plate is 30 cm square x 0.25" (0.64 cm) or 0.375" (0.95 cm) thick and is mounted at the end of the flexible arm. The whole assembly attaches to the table rail with a rail clamp.

Specifications

Acrylic Density: 1.185 g/cm³

Item	Description
495-053-20	Siemens Flexible 18" Beam Spoiler
495-053-32	Varian Flexible 18" Beam Spoiler
495-053-50	Philips Flexible 18" Beam Spoiler
495-054-20	Siemens Flexible 24" Beam Spoiler
495-054-32	Varian Flexible 24" Beam Spoiler
495-054-50	Philips Flexible 24" Beam Spoiler

Customer to Specify Acrylic Thickness