

# PROTONSERIES™



 **CQ MEDICAL™**  
Formerly CIVCO RT™ and Qfix®

# CHOOSING A PROTON HEAD & NECK POSITIONING SYSTEM\*



## ProForm™

The ProForm system is our most recent proton innovation. This solution provides an easy to use mask attachment and a homogenous treatment region optimized for CNS patients.

Pages 5-7

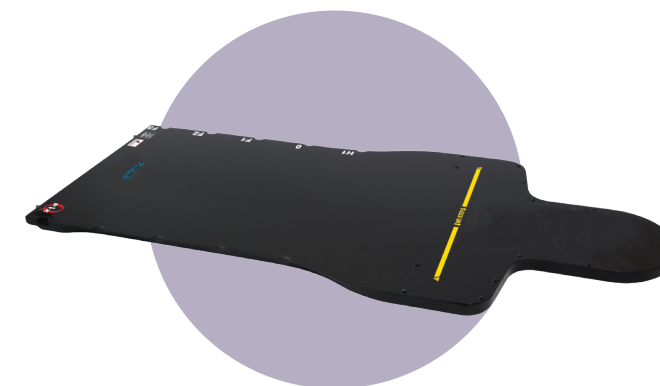
## Pediatric ProForm

Pediatric ProForm compliments the adult ProForm solution and provides a solution fully optimized for positioning your pediatric patients.

Pages 8-9

COUCHTOP COMPATIBILITY	Universal Couchtop	Universal Couchtop
EXTENSION OR INSERT OPTION	Yes, multiple lengths	Yes
INDEXING STYLE	Prodigy 2	Prodigy 2
CT OVERLAY OPTION	Yes	Yes
MR OVERLAY OPTION	Yes	Yes
THERMOPLASTIC MATERIAL	Aquaplast RT™	Aquaplast RT
THERMOPLASTIC SPECIAL FEATURES	Pre-cut eye and mouth, Open-face, Reinforced, Hair opening, Solid	Pre-cut eye and mouth, Open-face, Reinforced
POSTERIOR HEAD SUPPORT	Customizable Cushion	Customizable Cushion
SHIM OPTION	AccuForm™ Shim	AccuForm Shim

\*These devices offer many configurations and compatibilities. Please consult your sales representative for more information.



## BoS® Headframe

The BoS system's conformal shape provides optimal treatment beam angles and has become a standard for head & neck immobilization in proton therapy over the last 15 years.

Pages 12-13

## Portrait™ Proton

The Portrait proton system provides a complimentary head & neck solution for your kVue couchtops. The simple, easy to use design is compatible with Type-S thermoplastic masks.

Page 15

kVue	kVue
Yes, multiple lengths	Yes
Varian Exact	Varian Exact
Yes	Yes
Yes	Yes
Fibreplast® and Aquaplast RT	Fibreplast and Aquaplast RT
Open-face, Hair opening, Cranial flap	Open-face, Pre-cut eye and mouth, Variable Perf pattern
Foam Headrest, Customizable Cushion	Silverman, Customizable Cushion
Precut Foam Shim	Integrated in Frame, 0.5 mm increments

# Universal Couchtop™ Long Extension

The Universal Couchtop is a modern and comprehensive solution for enabling advanced treatments in your clinic. Specifically designed to answer the demands of Proton, the Universal Couchtop Long Extension contains no rails or junctions in the treatment area to help facilitate better dose delivery and target coverage.

- Homogenous design for consistent treatment planning
- Utilizes Prodigy 2 indexing at 7 cm increments
- Low attenuation and surface dose
- Self-locking extension seam located outside of treatment field
- Compatible with many positioning and immobilization devices
- 5 Year Warranty



## IBA Systems Proteus® ONE and Proteus PLUS

Includes Rectangular Extension (MTIL6673) and Prodigy 2 Lok-Bar. Large treatment area of 58.9" (149.7 cm).

MTIL6840	F-Series
MTIL6841	L-Series

## Mevion Medical Systems S250™ Series

Includes Rectangular Extension (MTIL6660) and Prodigy 2 Lok-Bar. Large treatment area of 47.1" (119.7 cm).

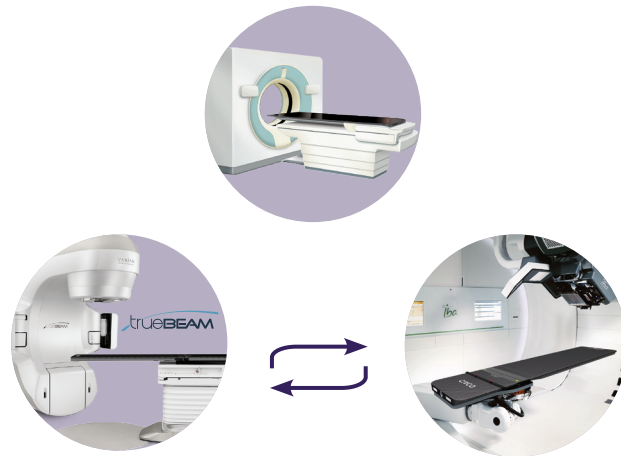
MTIL7040	S250 Series
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## Hitachi Ltd.

Compatible solutions available. Contact Hitachi for information.

## Rectangular Extension

MTIL6673	64.9" (164.8 cm), square profile
MTIL6676	64.9" (164.8 cm), CT compatible
MTIL6660	53.1" (134.9 cm), standard profile
MTIL6684	53.1" (134.9 cm), square profile



A universal platform for immobilization & positioning



# ProForm Head & Neck Immobilization

The Universal Couchtop ProForm Head & Neck Extension features geometry that allows for direct access to effectively treat CNS patients. ProForm accepts a dedicated thermoplastic mask designed to meet the unique requirements of proton therapy.

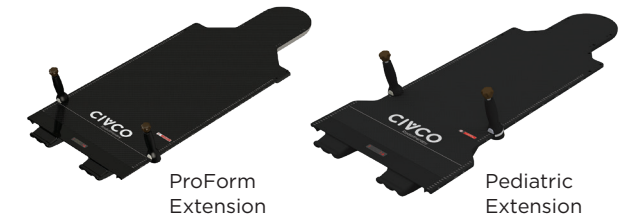
- Homogeneous treatment area and soft gradient edges reduce beam degradation
- Head & Neck area provides fixed points that allow repeatable positioning and security of the AccuForm Cushion
- Thermoplastic mask attaches with a smaller profile frame and pin similar to the Type-S system



## Extensions

MTIL6675K	ProForm Head & Neck Extension, 53.9" (136.9 cm), includes Cushion Guide and UCT Patient Handles
MTIL6683K	ProForm Head & Neck Extension, 64.9" (164.9 cm), includes Cushion Guide and UCT Patient Handles
MTIL6682K	Pediatric ProForm Head & Neck Extension, 48.7" (123.7 cm), includes Cushion Guide and UCT Patient Handles

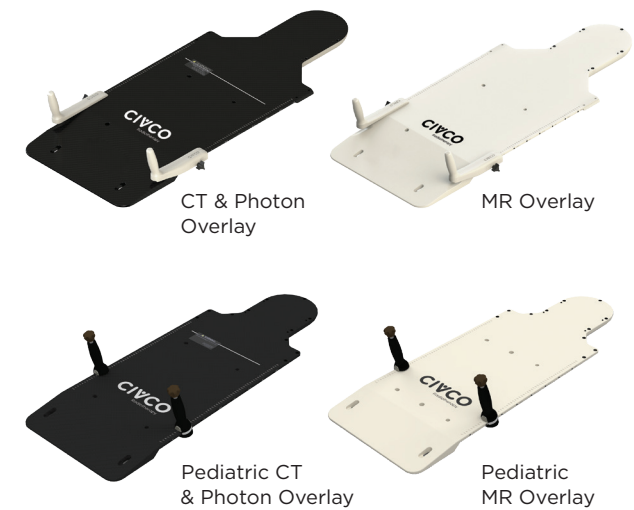
Additional ProForm Extension lengths are available. Contact your sales representative for more information.



## Overlays

The ProForm CT & Photon Treatment Overlay and MR Overlay allow for CT simulation or MR imaging of patients who will be treated on the Universal Couchtop ProForm Extension, allowing seamless transition from simulation to treatment.

PRO300K	ProForm CT & Photon Treatment Overlay, 2-Pin Lok-Bar compatible, includes ProForm Cushion Guide, Patient Handles and Table Strap
PRO320K	ProForm MR Overlay, 3-Pin Lok-Bar compatible, includes Cushion Guide and Patient Handles
PRO400K	Pediatric ProForm CT & Photon Treatment Overlay, 2-Pin Lok-Bar compatible, includes ProForm Cushion Guide and Patient Handles
PRO420K	Pediatric ProForm MR Overlay, 3-Pin Lok-Bar compatible, includes ProForm Cushion Guide and Patient Handles



# ProForm Thermoplastic

Masks are sold in boxes of 5 and are disposable. ProForm Thermoplastics are made from Aquaplast RT material.



## FreedomView™ Reinforced Style 18

PRO330IM1832CL	Head Only, 3.2 mm
PRO331IM1832CL	Head, Neck & Shoulders, 3.2 mm
PRO331IM1832CLN	Head, Neck & Shoulders, Narrow



## ClearVision 2™

PRO330IM1832SG	Head Only, 3.2 mm
PRO331IM1832S	Head, Neck & Shoulders, 3.2 mm
PRO331IM1832SGN	Head, Neck & Shoulders, Narrow



### Shoulder Thermoplastic Docking

Two shoulder docking options are available; standard top docking and underneath docking to accommodate for larger patients where additional stretching of thermoplastic may be required.

Not available for pediatric.



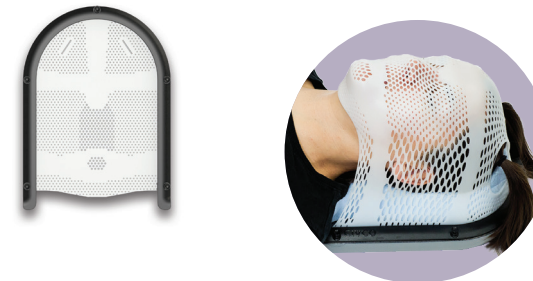
# ProForm Thermoplastic

Masks are sold in boxes of 5 and are disposable. ProForm Thermoplastics are made from Aquaplast RT material.



## Reinforced Style 18

PRO330IM1832	Head Only, 3.2 mm
PRO331IM1832	Head, Neck & Shoulders, 3.2 mm
PRO331IM1832N	Head, Neck & Shoulders, Narrow



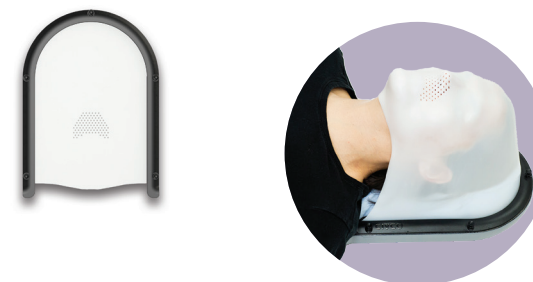
## Reinforced Style 18 with Hair Openings

PRO330IM1832PT	Head Only, 3.2 mm
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## Standard Perforated

PRO330	Head Only, 3.2 mm
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## Solid With Perforated Nose

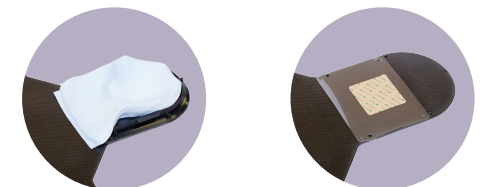
PRO330SPN32	Head Only, 3.2 mm
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## Registration Film

PRO340	Qty 5
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## AccuForm™ Cushion

MTACL2035	20 x 35 cm Chamfered, Qty 1
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# Pediatric ProForm Thermoplastics

Masks are sold in boxes of 5 and are disposable. ProForm Thermoplastics are made from Aquaplast RT material.



## FreedomView Reinforced Style 18

**PRO430IM1832CL** Pediatric Head Only, 3.2 mm

**PRO431IM1832CL** Pediatric Head, Neck & Shoulders, 3.2 mm



## ClearVision 2

**PRO430IM1832SG** Pediatric Head Only, 3.2 mm

**PRO431IM1832SG** Pediatric Head, Neck & Shoulders, 3.2 mm



# Pediatric ProForm Thermoplastics

Masks are sold in boxes of 5 and are disposable. ProForm Thermoplastics are made from Aquaplast RT material.



## Reinforced Style 18

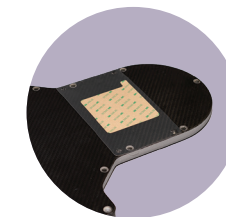
**PRO430IM1832** Pediatric Head Only, 3.2 mm

**PRO431IM1832** Pediatric Head, Neck & Shoulders, 3.2 mm



## Standard Perforated

**PRO430** Pediatric Head Only, 3.2 mm



## Registration Film

**PRO440** Pediatric, Qty 5



## AccuForm Cushion

**MTACL2035** 20 x 35 cm Chamfered, Qty 1

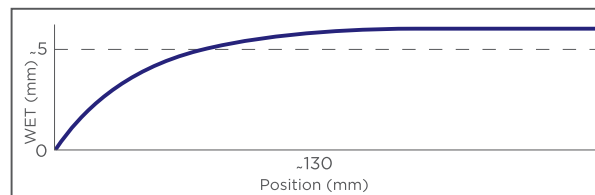
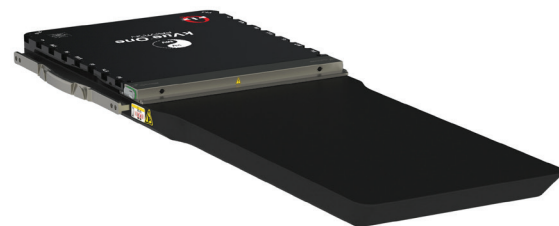
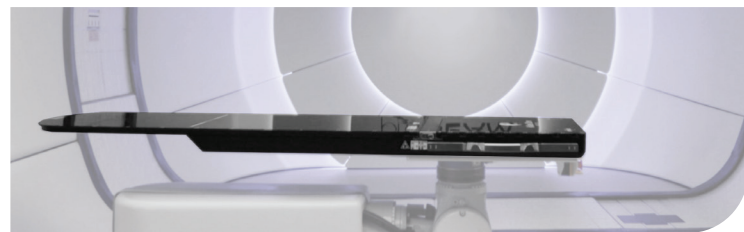
# kVue™ One Proton Couchtop

The kVue One Proton Couchtop is rigid, lightweight and specifically designed for use with a robotic couch, which is frequently used in proton therapy applications. The versatile kVue platform provides a wide range of positioning and immobilization options for treating tumors of varying complexities.

The expansive array of kVue inserts provide clinicians the flexibility to develop and manage treatments that are best suited for a patient's specific treatment needs. All kVue inserts are easily adapted to a variety of radiotherapy treatments in one simple solution.

- Specifically designed to provide range shift confidence for proton therapy
- Interchangeable inserts for full range of proton therapy treatments
- For use with a robotic couch

**RT-4551KV-03** kVue One Proton Couchtop

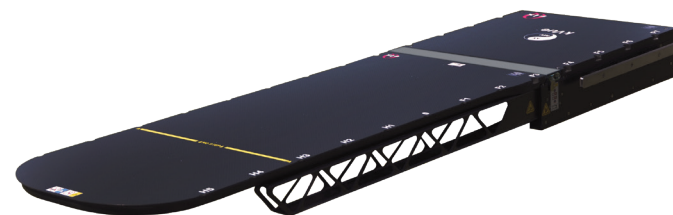


Typical kVue One Proton Water Equivalence Profile

# kVue Proton Couchtop

The kVue Proton Couchtop is specifically designed for use with robotic couches.

MANY KVUE STANDARD INSERT OPTIONS ARE AVAILABLE. CONTACT YOUR SALES REPRESENTATIVE FOR MORE INFORMATION.



# kVue BoS® Proton System

## BoS Inserts

kVue BoS inserts are specifically designed to meet the unique requirements of proton therapy for patient immobilization and beam transmission. The BoS device is engineered to rigidly support the patient without using a flat base that blocks the use of important proton beam angles.

The conformal shape is designed to minimize the distance between the patient and the field defining aperture, optimizing the beam proton penumbra.

kVue BoS inserts are available in two additional lengths. The shorter version which is required to treat vertex fields in some robotic couch setups and a longer version that is required to treat lower spinal fields on tall patients.

<b>RT-4535KV</b>	Standard length, 132 cm
<b>RT-4535KV01</b>	Shorter length, 121 cm
<b>RT-4535KV03</b>	Longer length, 158 cm



## BoS Headframes

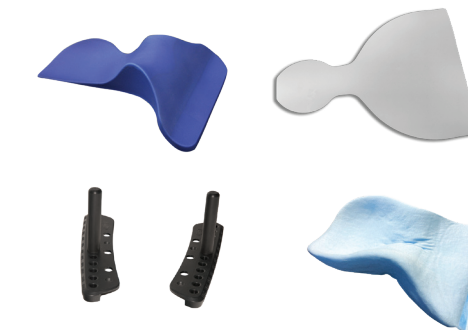
The BoS Headframe is engineered to rigidly support the patient without using a flat base that blocks the use of important proton beam angles. The BoS MR Headframe enables enhanced imaging in both CT and MR while also facilitating the use of CT fusion techniques.

<b>RT-4535BOSMRI</b>	BoS MR Headframe
<b>RT-4535BOS</b>	BoS Headframe



## BoS Accessories

<b>RT-4490BOS1</b>	Foam Headrest, Qty 1
<b>RT-4485</b>	Precut Foam Shim for BoS Headframe, Qty 1
<b>RT-4525HGA</b>	Hand Grips, Pair
<b>RT-4492U</b>	AccuForm U Head Cushion, 20 x 35 cm



# BoS Thermoplastics

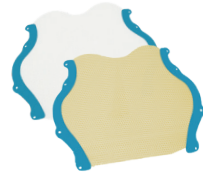
Masks on this page are disposable and sold in Qty 1. Must purchase in multiples of 10.

The innovative 3D shape matches the contour of the BoS device, which is designed to meet the unique requirements of proton therapy for patient immobilization and beam transmission. These masks come in a variety of different options, allowing for head and neck as well as head and shoulder immobilization.



## Head & Neck, 24 cm wide for smaller patients

RT-1782BOS-DXS	Aquaplast RT (Extra Small), Standard Perf, 2.4 mm
RT-1882KBOS-DXS	Fibreplast (Extra Small), Standard Perf, 3.2 mm



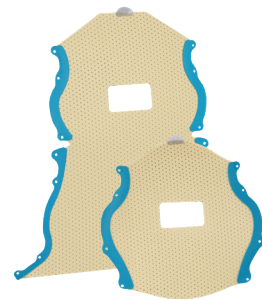
## Head & Neck, 26 cm wide, 3.2 mm

RT-1878BOS-D2LVS	Aquaplast RT, Micro Perf with Cranial Flap
RT-1878KBOS-D2LVS	Fibreplast, Micro Perf with Cranial Flap
RT-1882BOS-DVS	Aquaplast RT, Standard Perf
RT-1882KBOS-DVS	Fibreplast, Standard Perf



## Head & Neck, Head & Shoulders, 3.2 mm

RT-1878KBOS-D2LSF	Assure™ Open View Fibreplast Head & Neck, Micro Perf with Cranial Flap, 31 cm wide
RT-1878KBOS-E2LF	Assure Open View Fibreplast Head & Shoulders, Micro Perf with Cranial Flap, 43 cm wide



# BoS Thermoplastics

Masks on this page are disposable and sold in Qty 1. Must purchase in multiples of 5.

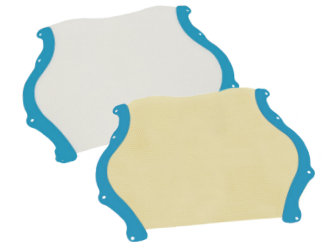
## Head & Neck, 31 cm wide, 3.2 mm

RT-1878BOS-D2LS	Aquaplast RT, Micro Perf with Cranial Flap
RT-1878KBOS-D2LS	Fibreplast, Micro Perf with Cranial Flap
RT-1882BOS-DS	Aquaplast RT, Standard Perf
RT-1882KBOS-DS	Fibreplast, Standard Perf



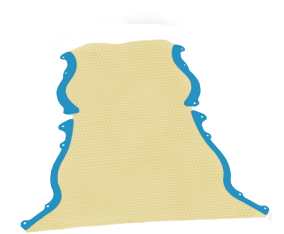
## Head & Neck, 38 cm wide, 3.2 mm

RT-1878BOS-D2L	Aquaplast RT, Micro Perf with Cranial Flap
RT-1878KBOS-D2L	Fibreplast, Micro Perf with Cranial Flap
RT-1882BOS-D	Aquaplast RT, Standard Perf
RT-1882KBOS-D	Fibreplast, Standard Perf



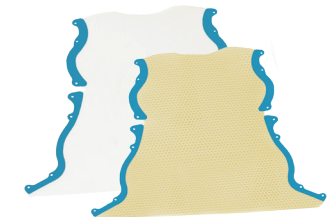
## Head & Shoulders, 43 cm wide, 3.2 mm

RT-1878BOS-E2LS	Aquaplast RT (Small), Micro Perf with Cranial Flap
RT-1878KBOS-E2LS	Fibreplast (Small), Micro Perf with Cranial Flap
RT-1882BOS-ES	Aquaplast RT (Small), Standard Perf
RT-1882KBOS-ES	Fibreplast (Small), Standard Perf



## Head & Shoulders, 48 cm wide, 3.2 mm

RT-1878BOS-E2L	Aquaplast RT, Micro Perf with Cranial Flap
RT-1878KBOS-E2L	Fibreplast, Micro Perf with Cranial Flap
RT-1882BOS-E	Aquaplast RT, Standard Perf
RT-1882KBOS-E	Fibreplast, Standard Perf

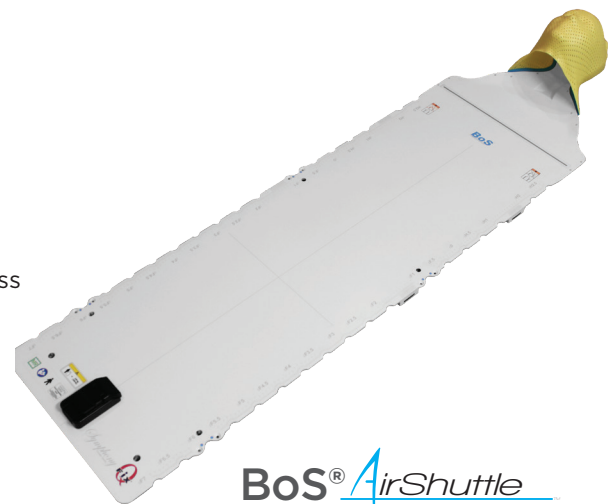


Measurement is taken at thermoplastics maximum width.

# BoS AirShuttle™ for use with Symphony® AirDrive System

A Symphony solution combines an AirShuttle positioning & transfer device with an AirDrive system to provide smooth patient transfers for imaging and treatment applications. Designed for proton therapy, the conformal shape of the BoS AirShuttle optimizes the penumbra and minimizes the blockage of important proton beam angles. When utilized alongside the Symphony AirDrive System, it facilitates seamless patient transfers for imaging and treatment procedures.

- Safely transfer your patient with minimal clinical staff
- Transfer on and off a wide variety of surfaces including sheet-covered pads and mattresses
- Patient positioning can include immobilization, where required
- Suitable for use in MRI
- Designed for proton therapy, the conformal shape of the device optimizes the penumbra and minimizes the blockage of important proton beam angles



BoS® AirShuttle

RT-5100-04 BoS AirShuttle

## BoS AirShuttle Packages

Both packages include: AirShuttle Transfer Handles (x2), AirShuttle Locating Bars (x2), BoS Air Bearing (Spare)

RT-5100-400 w/ AirDrive Trolley

RT-5100-400S w/ AirDrive Caddie



AirDrive Trolley



AirDrive Caddie



# kVue Portrait Proton System

## Portrait Proton Insert

The kVue Portrait Proton insert is ideal for proton craniospinal radiotherapy treatments where whole brain lateral fields are combined with PA spine fields.

- Homogeneous, carbon fiber design provides constant WET from cranium to sacrum
- Compatible with Type-S™ Head Only and Head and Shoulder thermoplastic masks

RT-4552KV-01 Portrait Proton Insert



## Portrait Accessory

RT-4525HGA Hand Grips, Pair

RT-4492U AccuForm U Head Cushion, 20 x 35 cm, Qty 1

See page 102 Silverman Head Support Q Series



VISIT [CQMEDICAL.COM](http://CQMEDICAL.COM) FOR A FULL LIST OF THERMOPLASTIC COMPATIBLE WITH THE PORTRAIT SYSTEM!

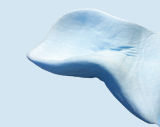
VISIT [CQMEDICAL.COM](http://CQMEDICAL.COM) TO VIEW ALL OUR POSITIONING & IMMOBILIZATION SOLUTIONS FOR PROTON!



PolyMark™ Fiducial Markers



PointCoil™ Fiducial Markers



AccuForm Cushions



Silverman Headrests

...and more!





[info@CQmedical.com](mailto:info@CQmedical.com) | [www.CQmedical.com](http://www.CQmedical.com)



### **CIVCO RT LEGACY PRODUCTS**

**CIVCO RT legacy part numbers are anything besides “RT-” (for example, anything beginning with MT, BPL, OAP, or a whole number).**

#### **CUSTOMER CARE**

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Direct Dial: **+1 712.737.8688**

Direct Sales Email: **CRTorder@CQmedical.com**

### **QFIX LEGACY PRODUCTS**

**Qfix legacy part numbers begin with “RT-”.**

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