



kVue™

IGRT Couch top

*One couch top,
multiple treatment solutions*

For Varian, Elekta, Siemens,
Proton and more



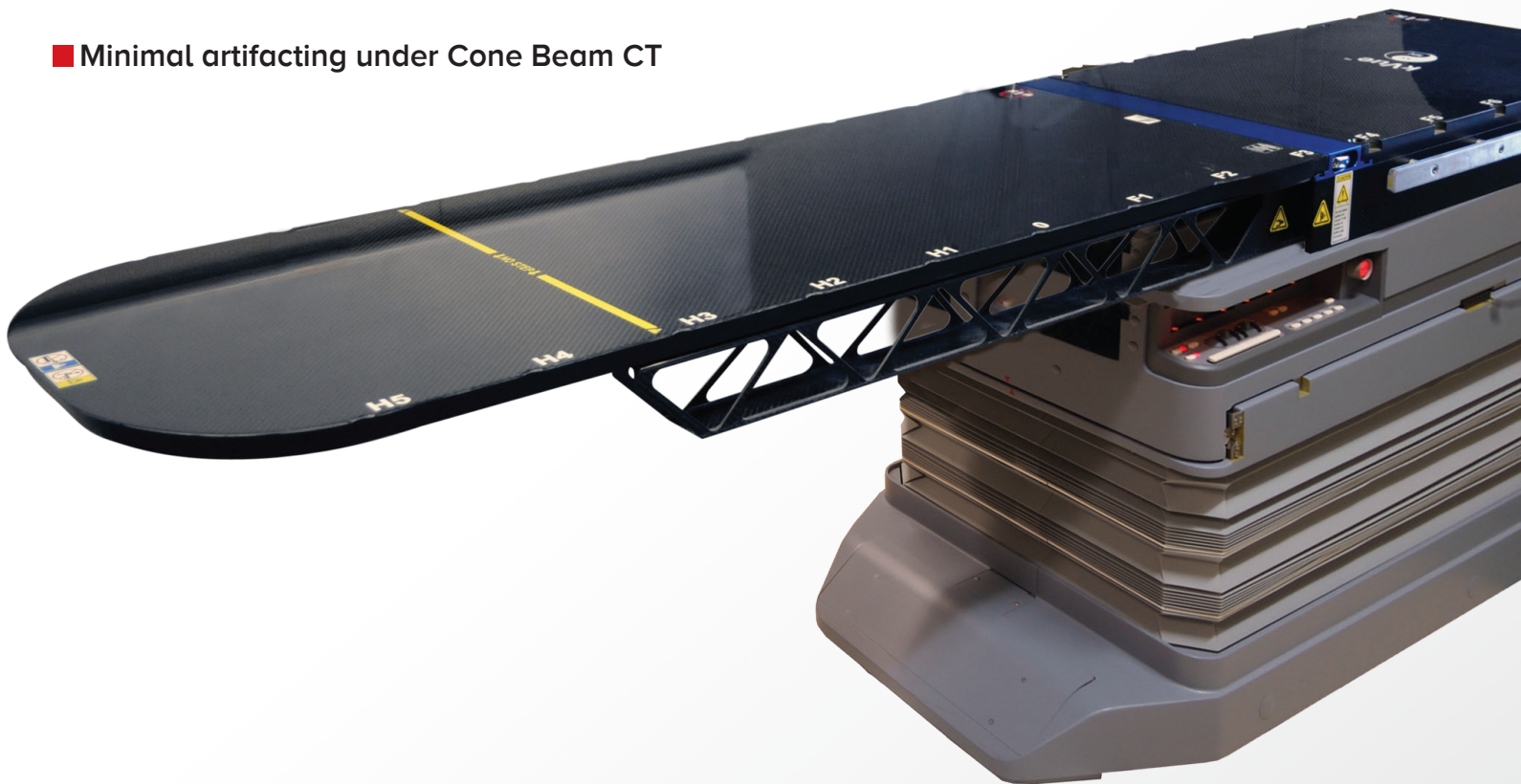
The Best of
Both Worlds

kVue™ IGRT COUCH TOP

One couch top, multiple treatment solutions

The kVue Couch top is a state-of-the-art radiotherapy couch top optimized for the most recent advances in technology to guide your patient from simulation through treatment.

- Wide variety of interchangeable inserts to form one versatile couch top device
- Quickly and easily secure couch top inserts with OneTouch™ latch system
- Low attenuation and surface dose
- Virtual Indexing ensures precise, repeatable patient positioning every time
- Minimal artifacting under Cone Beam CT

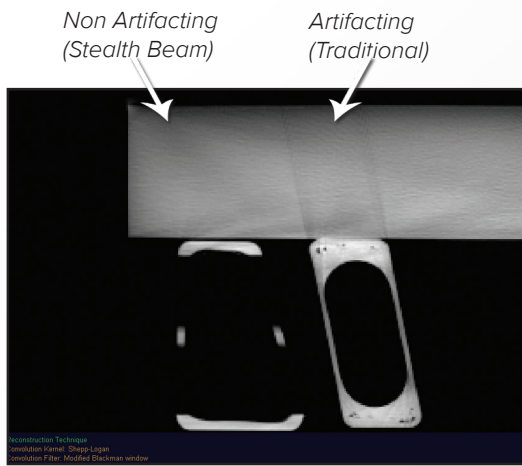


■ kVue IGRT COUCH TOP

Multiple inserts for a variety of treatments

The kVue is designed for superior performance when used with kilovoltage imaging, such as cone beam CT, while simultaneously reducing skin dose for treatments that pass through the couch top. Combined with the ability to replace the kVue Standard Couch top Insert with modular immobilization devices, this makes the kVue one of our most advanced solutions available for IMRT and IGRT. kVue inserts have attenuation as low as 2.0 mm @ 6 MV.

Complete range of interchangeable couch top inserts



Cone beam CT image compares the imaging properties of the kVue Stealth Beam (left) with the support beam from a traditional couch top (right).

■ IMAGING INFORMATION

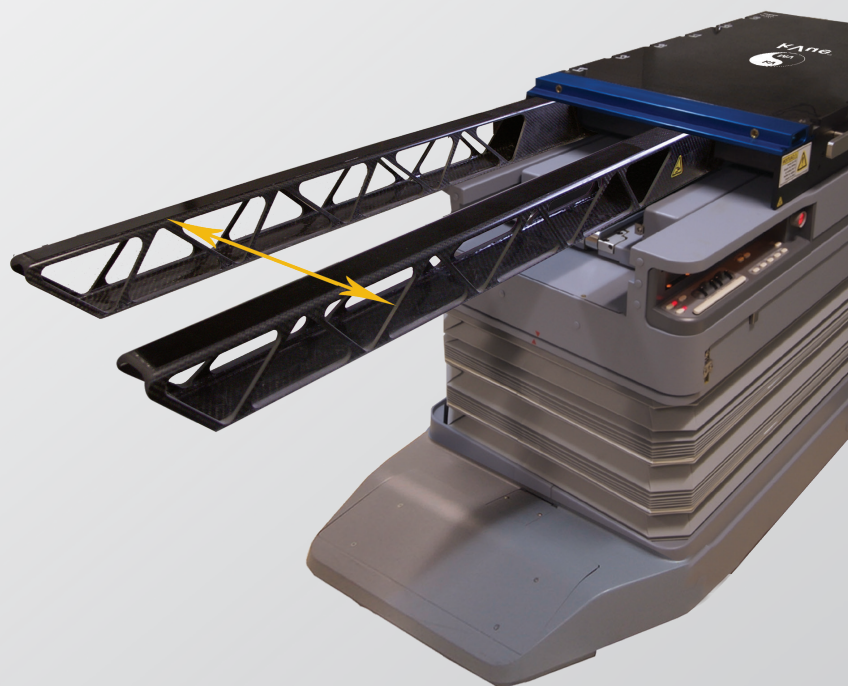
Design provides excellent quality images

The entire cantilevered section of the kVue is radiolucent and meets IEC and FDA requirements for attenuation. The design provides excellent quality images for kilovoltage imaging using standard x-ray and cone beam CT as well as portal imaging using MV energies.

■ kVue™ Stealth Beams™

Positioned to avoid critical treatment areas

With most kVue Inserts, the support beams can be laterally repositioned with the patient on the couch top. The Stealth Beam design virtually eliminated the artifacts that are usually associated with beam-style couch tops. This new beam design also reduces attenuation and surface dose if treating through the support beams. While it is recommended that the beams are positioned in the inner or outer position to completely avoid critical treatment areas, the actual location of the beams is infinitely variable.



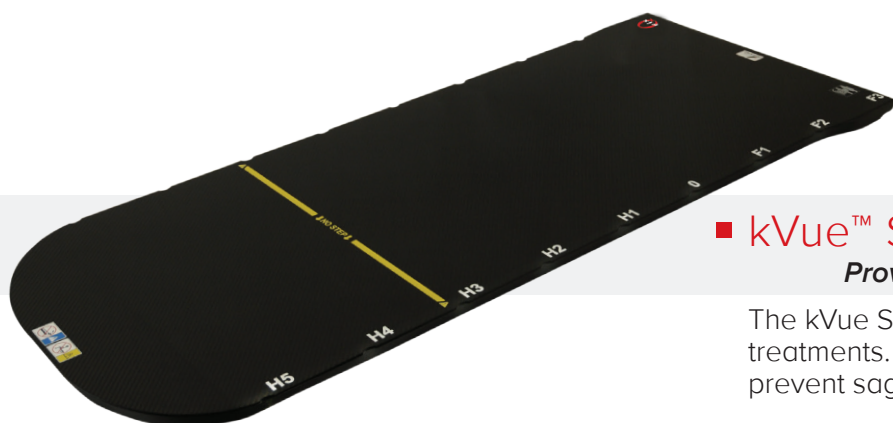
■ ONETOUCH™ LATCH

Allows secure interchanging of the insert

The kVue features the exclusive OneTouch™ Latch, which allows an array of kVue inserts to be quickly attached and easily secured with zero movement for a variety of treatment solutions. The kVue inserts provide the functionality of an integrated device, enabling precise, repeatable sub-millimeter patient positioning every time.

■ COMPLETE LINE OF COUCH TOP INSERTS

Multiple treatment solutions



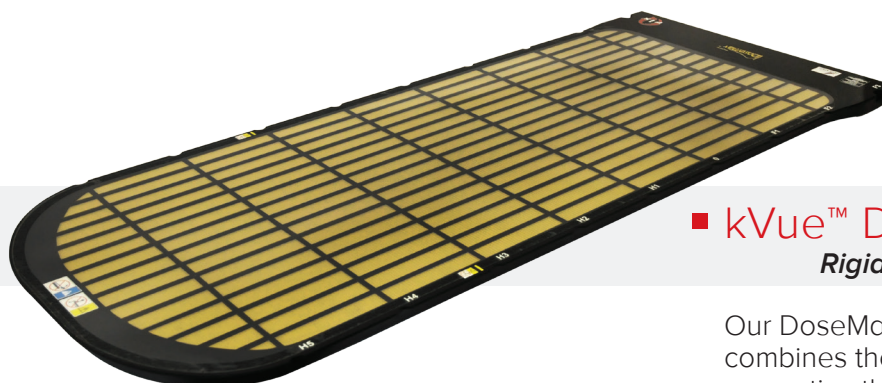
RT-4551KV1

■ kVue™ Standard Insert

Provides versatility for a wide range of treatments

The kVue Standard Insert is a versatile insert for everyday treatments. The standard insert is stiffer than grid inserts to prevent sagging and extends beyond the end of the beams.

Length: 1325 mm
Aluminum Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



RT-4551KV5

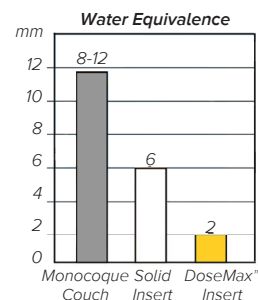
■ kVue™ DoseMax™ Insert

Rigid insert with excellent skin sparing properties

Our DoseMax low-electron generation rigid couch top insert combines the rigidity of a solid panel insert with skin-sparing properties that are comparable to a grid panel insert.

Length: 1325 mm
Water Equivalence: 2.0 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load

Our lowest attenuation rigid insert



RT-4551KV8

■ kVue™ Universal Tip Insert

Allows mounting of a variety of accessories

The kVue Universal Tip Insert allows mounting of QA and treatment devices. It provides universal mounting capability for all Varian Exact® style tip accessories.

Length: 950 mm
Aluminum Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit:
38.5 (85 lb) @ 25 cm extended from front edge
249 kg (550 lb) Uniformly Distributed Load over
kVue Insert and Back Panel

■ kVue™ Access 360™ Prone Breast Insert*

Near 360° degree access for treatment is unparalleled

The kVue Access 360 is designed to allow breast cancer treatment for both left and right breast. By positioning the patient over the breast opening, beyond the support rails, it enables maximum visual and treatment access to the breast. This insert also provides access to treat the supraclavicular nodes in the same setup.

* only available as a complete package including right and left breast insert, 2 headrests (1 Prone and 1 Contour), 3 hand grips (1 Dual and 2 Hand Grip Posts), 1 set of CT risers with stackable riser shims, and 1 storage cart



■ kVue™ Stradivarius SBRT Insert

Offers complete patient immobilization

The Stradivarius™ SBRT system is a complete solution for hypofractionated non-coplanar treatment. The hour glass design allows for unobstructed treatment paths. Bridges are available in two sizes and are adjustable in height. The abdominal compression paddle is also fully adjustable at the touch of a button to reduce thoracic movement.

Length: 1320 mm
 Aluminum Equivalence: ~0.6 mm @ 100kVp
 Water Equivalence: 6 mm @ 6 MV
 Weight Limit: 249 kg (550 lb)
 Uniformly Distributed Load





RT-4525KVL

■ kVue™ AccuFix™ Cantilever Insert - Featherline Edition

Provides optimum localization for head & neck

The AccuFix Cantilever Board is designed to immobilize the head, neck and shoulder regions. It is intended to provide optimum localization for the patient in the supine and prone positions.

Length: 1368 mm
Aluminum Equivalence: ~0.6 mm @ 100kVp
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



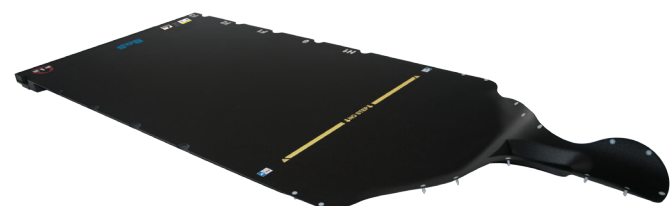
RT-4552KV

■ kVue™ Portrait™ Insert

Provides superior immobilization for a variety of treatments

The kVue Portrait Insert offers patient immobilization using S-Frame masks.

Length: 1328 mm
Aluminum Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



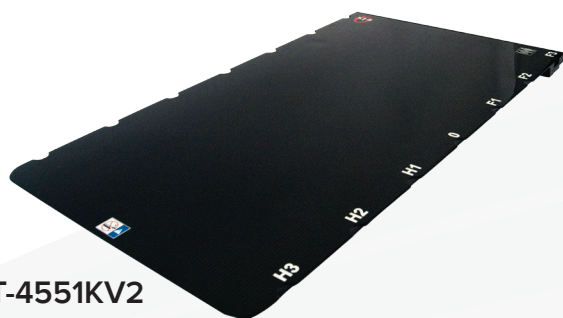
RT-4535KV

■ kVue™ BoS™ Insert

Unique design does not block important beam angles

The kVue BoS Insert is specifically designed to meet the requirements of proton therapy for patient immobilization and beam transmission. The contoured design minimizes the distance between the patient and the field defining aperture, optimizing the beam proton penumbra.

Length: 1325 mm
Weight Limit: 159 kg (350 lb)
Uniformly Distributed Load



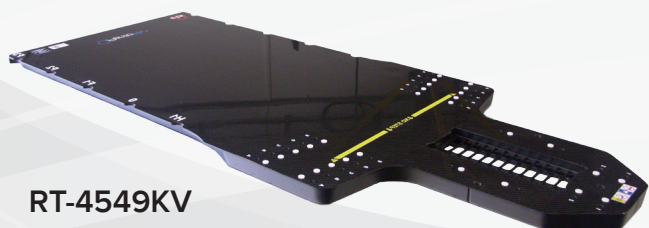
RT-4551KV2

■ kVue™ Short Insert

Allows for the mounting of overlay cantilevered devices

The kVue Short Insert is a shorter flat panel insert that allows the couch top to be retracted far enough away from the gantry to extend a cantilevered headboard under the isocenter.

Length: 959 mm
Aluminum Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



RT-4549KV

■ kVue™ PentaFix™ Insert

Uses a 5-point mask system for a variety of treatments

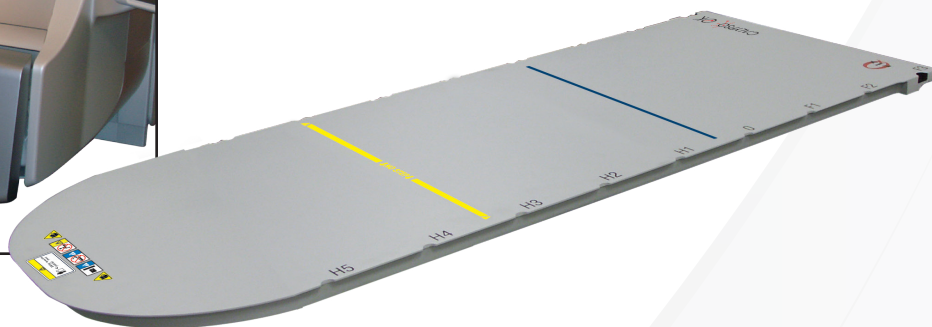
The kVue PentaFix Insert offers patient immobilization using 5-point fixation masks.

Length: 1325 mm
Aluminum Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load

■ kVue™ COUCH TOP - CALYPSO® COMPATIBLE



Varian, Elekta & Siemens compatible
kVue Calypso Inserts are also available



■ kVue™ IGRT COUCH TOP ACCESSORIES

Accessories are available for your kVue

COUCH TOP INSERT STORAGE CART

The Couch top Insert Storage Cart stores Couch top Inserts and Qfix free-standing devices to help organize your treatment room. Lockable caster wheels allow you to roll the cart up to the couch top.

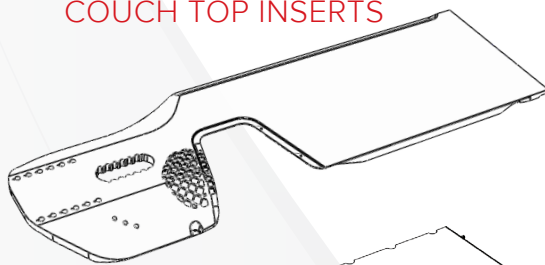


kVue SERVICE PANEL

The Service Panel is designed to sit on top of any couch top that uses Varian Exact® indexing. When placed on top of the couch top, it protects the surface during such activities as routine Linac maintenance and water phantom tank calibration.



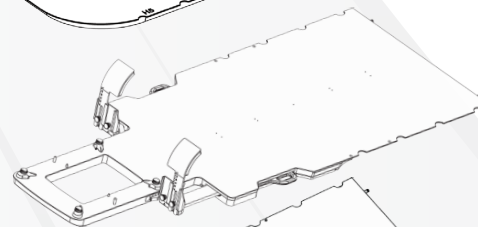
COUCH TOP INSERTS



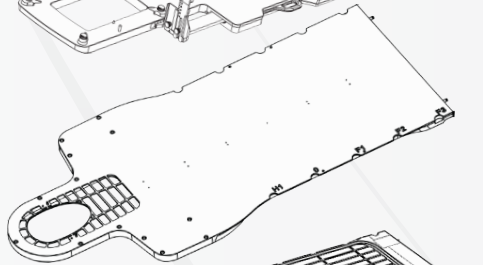
kVue Access 360 Prone Breast Insert
RT-4544KV



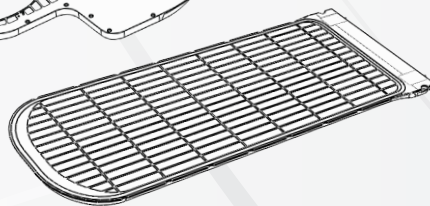
kVue Standard Insert
RT-4551KV1



kVue AccuFix™ Cantilever Insert - Featherline Edition
RT-4525KVL



kVue Portrait™ Insert
RT-4552KV



kVue DoseMax™ Insert
RT-4551KV5



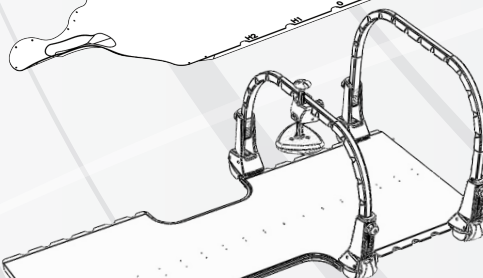
kVue Universal Tip Insert
RT-4551KV8



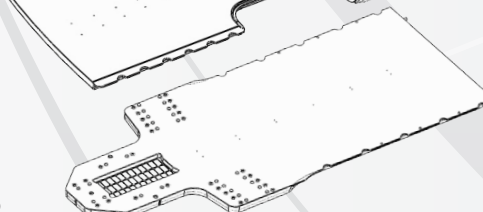
kVue Short Insert
RT-4551KV2



kVue BoS™ Insert
RT-4535KV

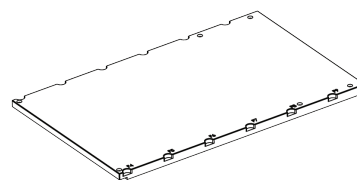


kVue Stradivarius™ SBRT Insert
RT-4558KV1

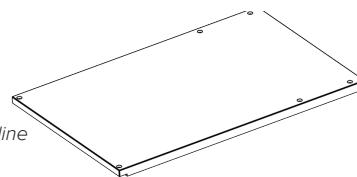


kVue PentaFix™ Insert
RT-4549KV

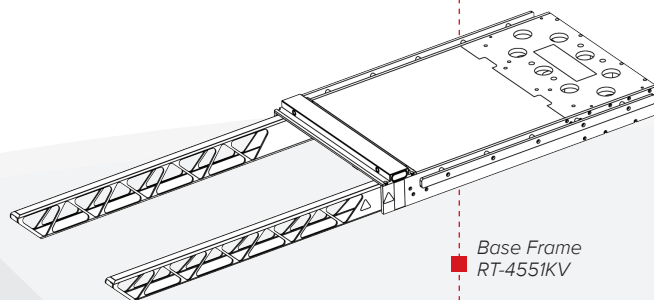
BACK PANELS



Indexing Back Panel
RT-4551KV0

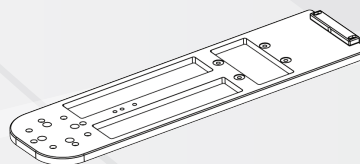


Back Panel
RT-4551KV0-N

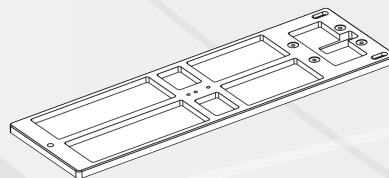


Base Frame
RT-4551KV

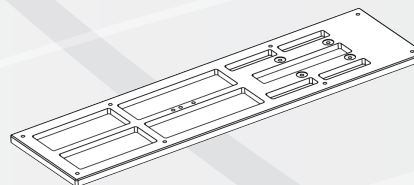
INTERFACE PLATES



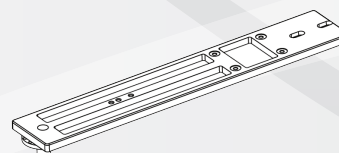
Siemens ZXT
RT-4551KVA-ZXT



Elekta Precise
RT-4551KVA-ELK



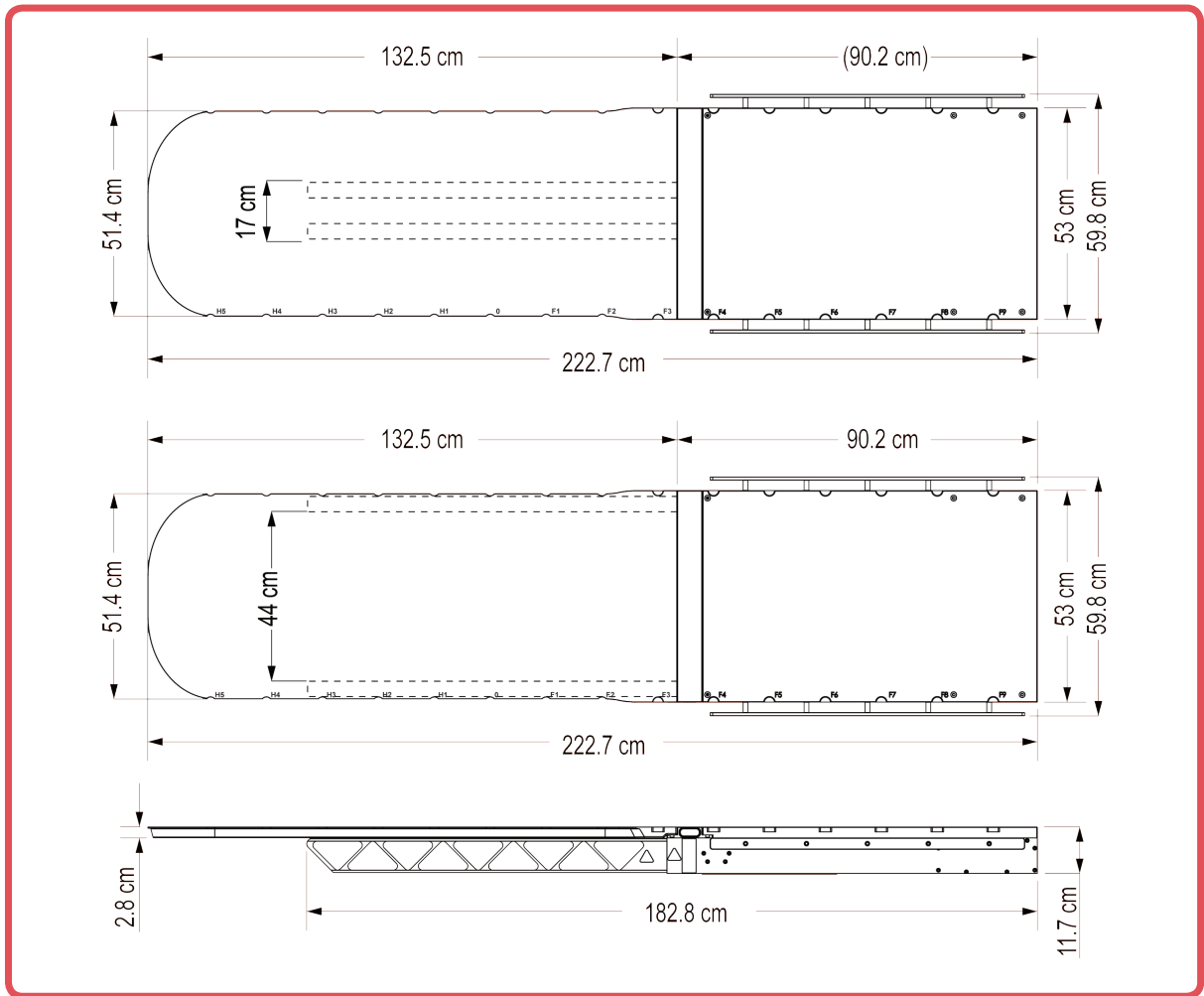
Siemens TXT
RT-4551KVA-TXT



Varian ETR
RT-4551KVA-ETR

■ kVue™ COUCH TOP DIMENSIONAL SPECIFICATIONS

with Standard Couch top Insert



■ DEFLECTION

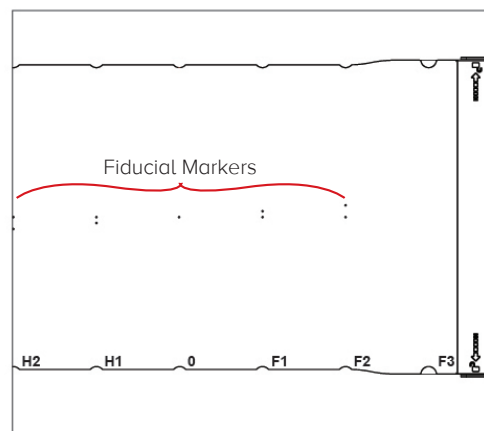
Exceeds deflections specification standards

When mounted to the Varian Exact® Couch Base, the kVue Couch top meets the deflection requirements of IEC 60976[2007] Section 16.5.2.2.

■ VIRTUAL INDEXING

Fiducial markers ensure accurate positioning

Virtual Indexing provides a way to quickly ensure that the treatment couch is in the same position as the simulation couch by using an array of white fiducial markers that are placed down the center of the couch. A second array of adjacent diagonally offset fiducial markers are used to designate the superior or inferior location of the markers in relationship to the indexing origin. This helps ensure accurate patient positioning and speeds patient throughput.



Virtual Indexing



■ kVue™ CT OVERLAYS

Complete Simulation through Treatment Options



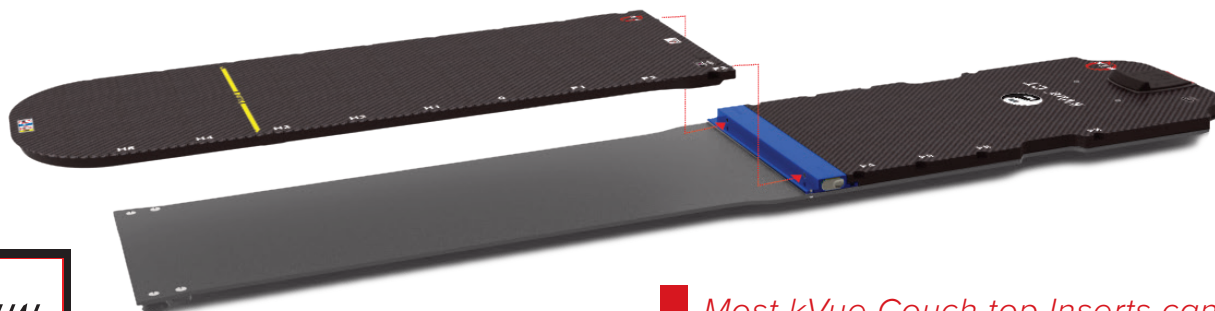
From Simulation & Planning



To Treatment

The kVue CT Overlay provides new possibilities for Simulation and Planning. The kVue CT uses the upper 25 mm (1 in.) of the kVue Treatment Couch top and accepts the same couch top inserts. Therefore it has the same geometry and dosimetric properties as the kVue Couch top.

During treatment and planning, you no longer have to estimate a correction factor for the attenuation (and electron generation) caused by the treatment couch top. The couch top and devices are now in your planning data set.



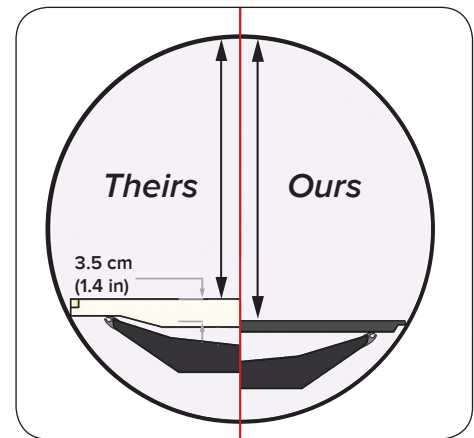
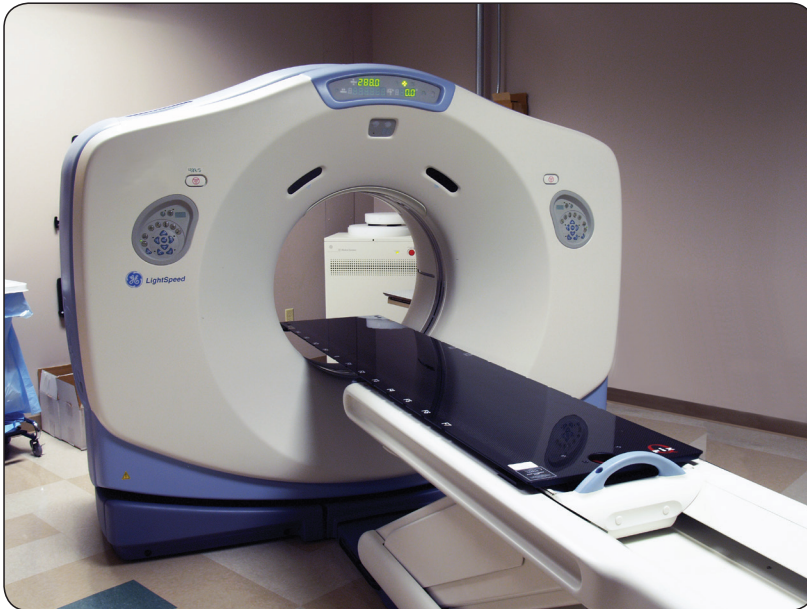
Most kVue Couch top Inserts can be used with kVue CT Overlays

RT-4550KVGEL	kVue CT Base for GE Lightspeed and HiSpeed CTi CT Scanners (for 231 cm long cradle)
RT-4550KVGER	kVue CT Base for GE Lightspeed RT CT Scanner (for 207 cm long cradle)
RT-4550KVGECC	kVue CT Base for GE Lightspeed VCT Scanner (for 262 cm long cradle)
RT-4550KVPBR	kVue CT Base for Philips Brilliance CT Scanner (for 250 cm long cradle)
RT-4550KVSS1	kVue CT Base for Siemens Somatom Plus 4, Somatom Volume Zoom/Access, and Sensation Scanners for 244 cm long cradle)
RT-4550KVSS2	kVue CT Base for Siemens Somatom Balance, Emotion or Espirit Cradles (217 cm long)
RT-4550KVSS3	kVue CT Base for Siemens Somatom Definition (for 240 cm long cradle)
RT-4550KVTAQ	kVue CT Base for Toshiba Aquilion CT scanner (for 215 cm long cradle)

• Lead times may vary, please call for availability.

■ QUANTUM™ CT OVERLAYS

Available for GE, Philips, Siemens and more...



Improved Field of View

The entire QUANTUM overlay rests above the plane of the cradle. This facilitates the digital removal of the cradle for treatment planning purposes. The geometry and physical construction of the QUANTUM CT Overlay is designed to mimic the QUANTUM Treatment Couch top that is essential in treatment planning.

At 51.4 cm (20.25 in.) wide and 1.6 cm (5/8 in.) thick, this overlay is narrower and thinner than most other indexed CT overlays. The thinner profile, coupled with its patent pending chamfered edge indexing design, allows the cradle to be positioned up to 3.5 cm lower in the bore, thus significantly increasing the field of view.

RT-4550GEH	Overlay - GE HiSpeed (for 219 cm long cradle)
RT-4550GEL	Overlay - GE HiSpeed CTi (for 231 cm long cradle)
RT-4550GEL	Overlay - GE LightSpeed (for 231 cm long cradle)
RT-4550GEP	Overlay - GE ProSpeed (for 207 cm long cradle)
RT-4550GEC	Overlay - GE LS VCT (for 262 cm long cradle)
RT-4550GER	Overlay - GE LightSpeed RT (for 207 cm long cradle)
RT-4550GEDLS	Overlay - GE Discovery LS (for 266 cm long cradle)
RT-4550PBR	Overlay - Philips Brilliance (for 250 cm long cradle)
RT-4550PQ	Overlay - Picker PQ Series (2000 & 5000) (for 239 cm long cradle)
RT-4550PQ	Overlay - Philips AcQsim (for 232 cm long cradle)
RT-4550SS1	Overlay - Philips Picker MX8000 (for 244 cm long cradle)
RT-4550SS2	Overlay - Siemens Somatom Balance (for 217 cm long cradle)
RT-4550SS2	Overlay - Siemens Somatom Emotion (for 217 cm long cradle)
RT-4550SS2	Overlay - Siemens Somatom Emotion Duo (for 217 cm long cradle)
RT-4550SS2	Overlay - Siemens Somatom Esprit+ (for 217 cm long cradle)
RT-4550SS1	Overlay - Siemens Somatom Plus 4 (for 244 cm long cradle)
RT-4550SS1	Overlay - Siemens Somatom Sensation 4/16 (for 244 cm long cradle)
RT-4550SS1	Overlay - Siemens Somatom Volume Zoom/Access (for 244 cm long cradle)
RT-4550SS3	Overlay - Siemens Somatom Definition 64 (for 240 cm long cradle)
RT-4550SS4	Overlay - Siemens Somatom Definition AS Open (1600/PHS1B)
RT-4550TAQ	Overlay - Toshiba Aquilion (for 215 cm long cradle)

* Lead times may vary, please call for availability.



M060
Rev 8/13

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HiSpeed and LightSpeed are trademarks of GE Medical.
Somatom is a trademark of Siemens AG.
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