

kVue™



OIS

Oncology Imaging Systems



kVue Couch Top

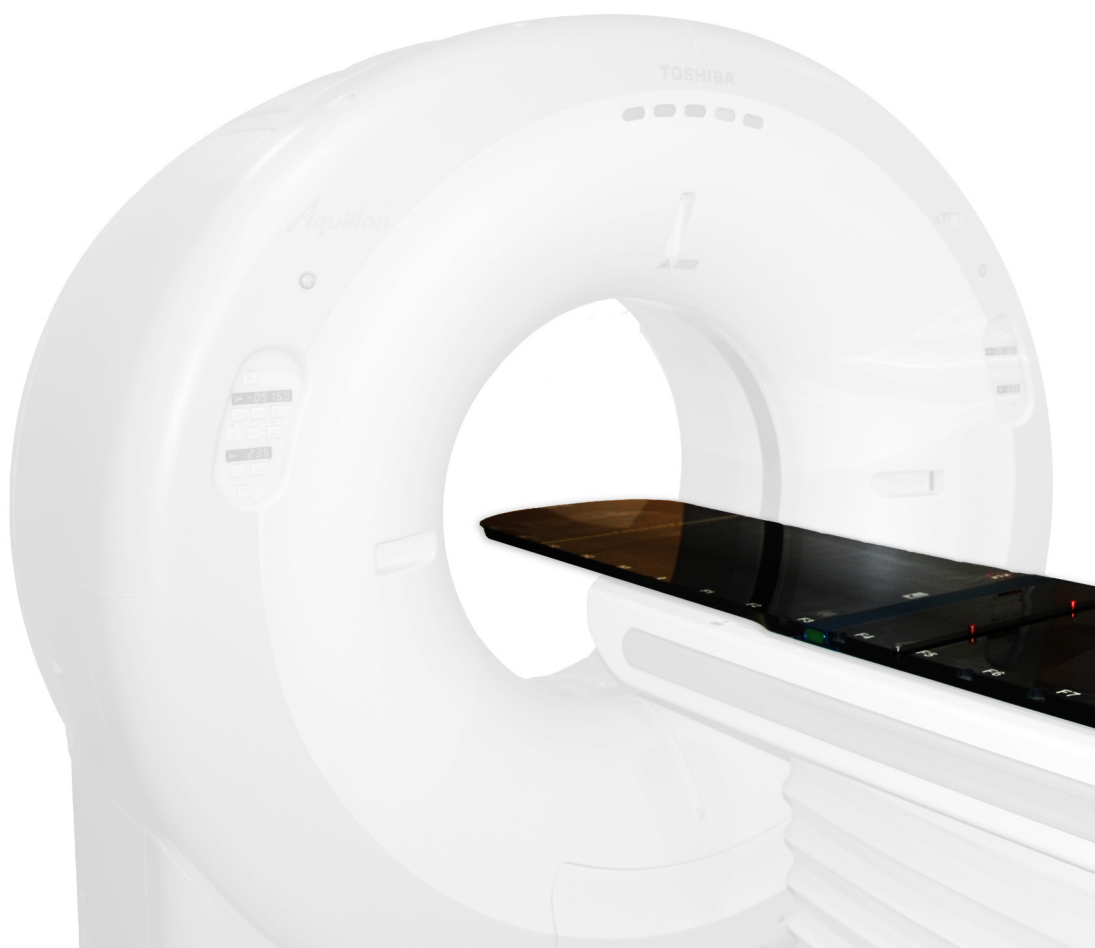
One couchttop, multiple treatment solutions

The kVue is a state-of-the-art radiotherapy couch top that is optimised for the most recent advances in treatment and imaging technology. 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 couchttop. This, combined with the ability to replace the kVue Standard Couchtop Insert with modular immobilisation devices, makes the kVue the most complete and versatile couch system available today.

- Wide variety of interchangeable inserts to form one versatile couchttop device
- Quickly and easily secure couchttop 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



Complete simulation-through-treatment options



kVue™ CT OVERLAY

The kVue CT Overlay provides new possibilities for simulation and planning. The kVue CT uses the upper 25 mm 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.



kVue™ IGRT COUCH TOP

kVue STEALTH BEAMS™

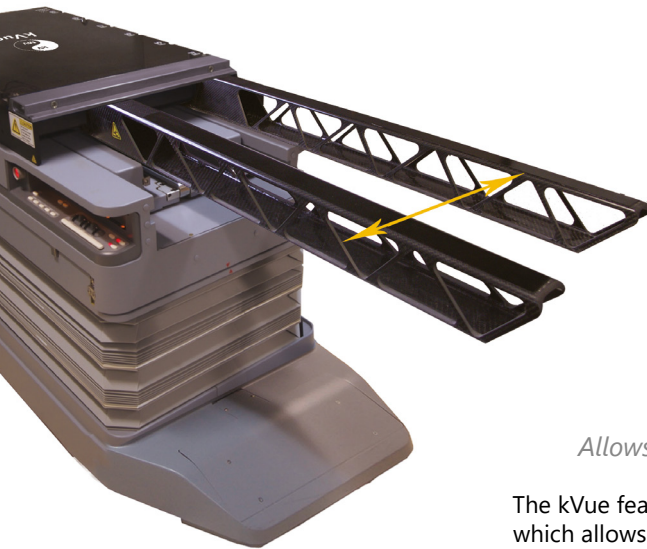
Reduce attenuation & surface dose

The kVue Couchtop includes our Stealth Beam Technology. The Stealth Beam design virtually eliminates the artefacts that are usually associated with beam-style couchtops. This beam design also reduces attenuation and surface dose when treating through the support beams.

MOVING BEAM TECHNOLOGY

Positioned to avoid critical structures

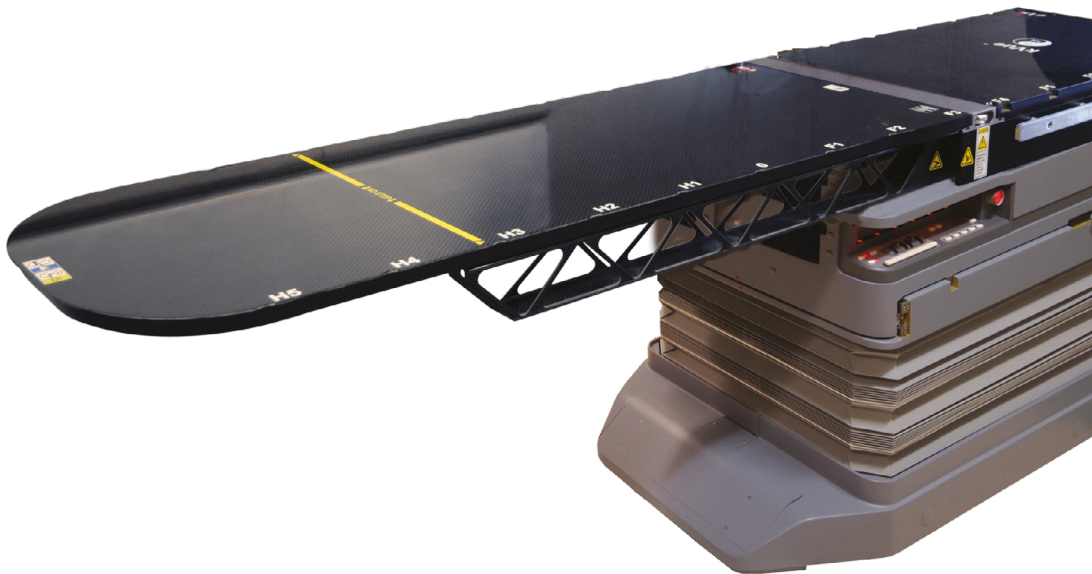
The kVue is designed with moveable carbon fibre support beams. With most kVue inserts, the support beams can be laterally repositioned with the patient on the couchtop.



ONETOUCH™ LATCH

Allows secure interchanging of the insert

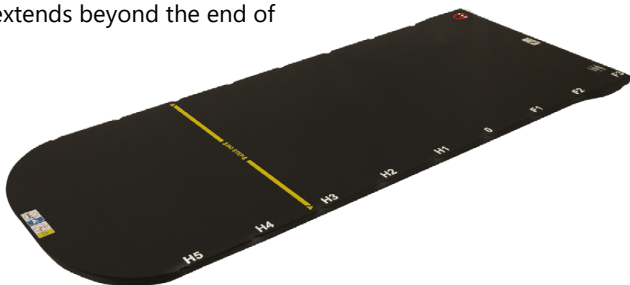
The kVue features the exclusive OneTouch™ Latch, which allows an array of kVue inserts to be quickly attached and easily secured with zero movement for a variety of treatment solutions. The kVue inserts provide the functionality of an integrated device, enabling precise, repeatable sub-millimetre patient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



kVue™ STANDARD INDEXING INSERT

The kVue Standard Couchtop 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



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 centre 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.



kVue™ ONE COUCH TOP

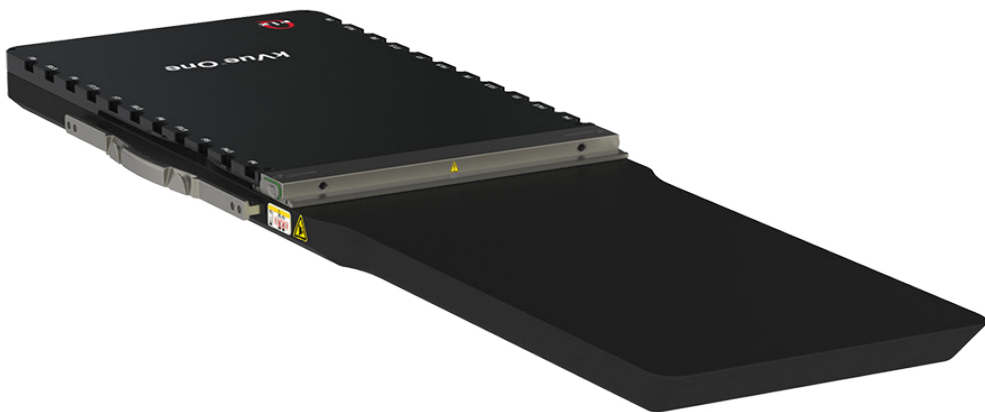
NEW

kVue™ ONE

Without moving rails

The kVue™ One Couch Top is a one-piece modular design with a homogeneous composite base and no moving rails. The light weight kVue™ One is compatible with versions of 6 Degrees of Freedom (DOF) linear accelerators and robotic bases.

Water Equivalence: 5 mm WET without kVue Insert



ONETOUCH™ LATCH

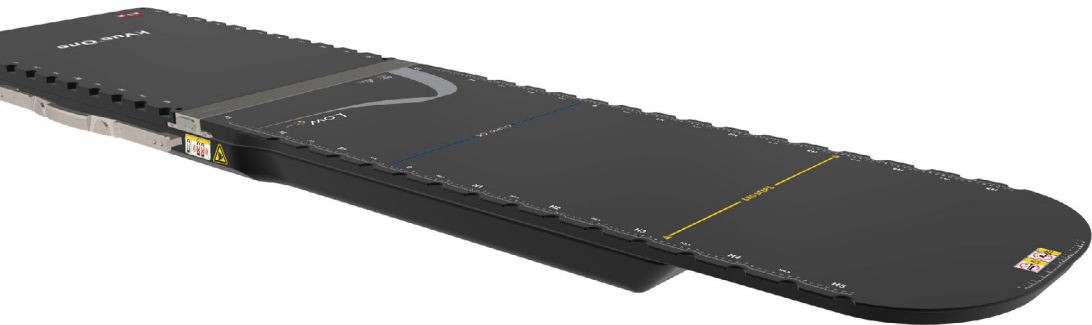
Allows secure interchanging of the insert

Like the kVue™, the kVue™ ONE offers the ability to interchange treatment specific kVue™ inserts that mount directly into the top surface of the couch through the One Touch Latch™.

kVue™ ONE PROTON

Also available for proton therapy applications

The kVue ONE Proton Couch Top is rigid, lightweight and specifically designed for use with a robotic couch.

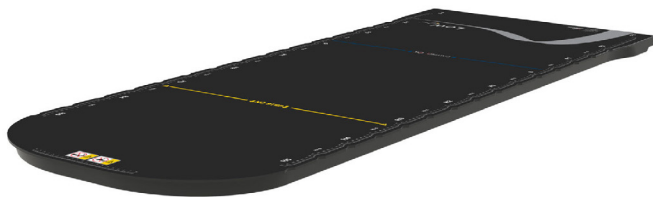


kVue™ Low-e™ INSERT

NEW

The kVue™ Low-e Insert is a low electron generating, homogeneous insert for enhanced imaging and treatment. It is the optimal choice for a wide range of radiotherapy treatments. (3.8 mm WET)

Length: 1325 mm
Water Equivalence: 3.8 mm
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



kVue™ SBRT BRIDGES

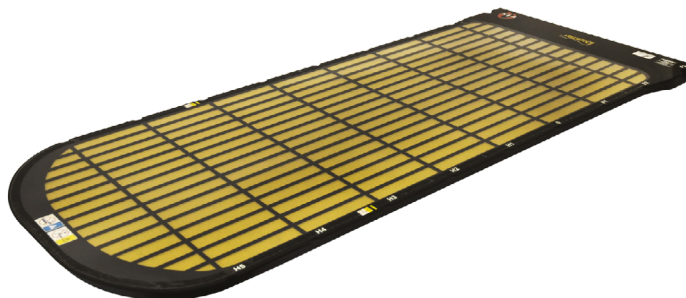
The kVue™ Low-e insert can be used in conjunction with the kVue™ SBRT Bridges for setting up complex stereotactic body radiation therapy (SBRT) treatments.



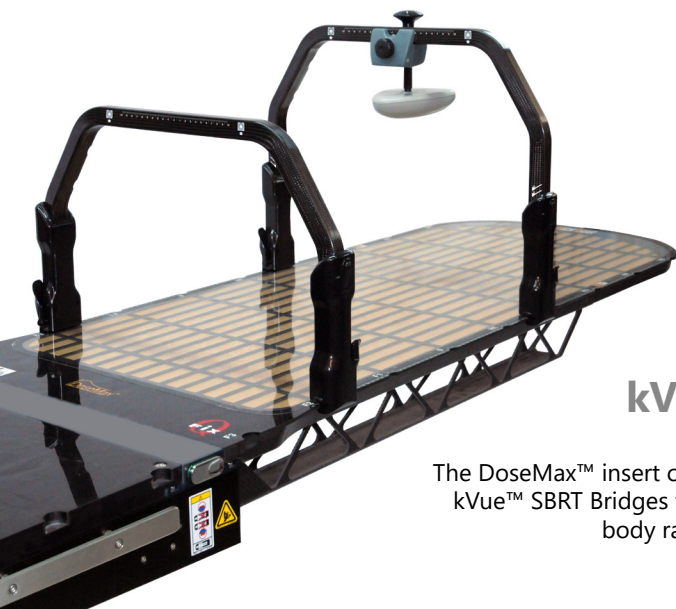
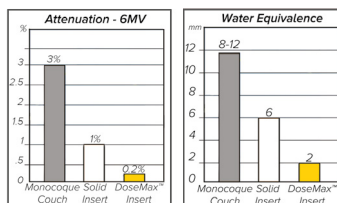
kVue™ DoseMax™ INSERT

The advanced kVue DoseMax Insert is the optimal choice for the delivery of very high dose radiation with minimal skin dose. It is the lowest electron generating couch top surface available that combines the rigidity of a solid panel insert with skin sparing properties comparable to a grid insert.

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



- Lowest attenuating rigid couch top surface available
- Laser alignment scales with indexing every 70 mm



kVue™ SBRT BRIDGES

The DoseMax™ insert can be used in conjunction with the kVue™ SBRT Bridges for setting up complex stereotactic body radiation therapy (SBRT) treatments.

kVue™ Stradivarius™ SBRT INSERT

The Stradivarius™ SBRT system is a complete solution for hypofractionated noncoplanar 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 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



kVue™ Access 360™ PRONE BREAST INSERT

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 superclavicular nodes in the same setup.



kVue™ Encompass™ SRS INTRACRANIAL INSERT

The Encompass SRS immobilisation system is a highly specialised, non-invasive immobilisation solution designed for stereotactic radiosurgery treatments.

Length: 1311 mm
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



kVue™ Portrait™ HEAD & NECK INSERT

The kVue Portrait Insert provides superior immobilisation for a variety of brain, head and neck radiotherapy treatments. The Portrait can be used with a variety of S-frame thermoplastic masks and head supports and accommodates supine and prone setups for patient specific treatments.

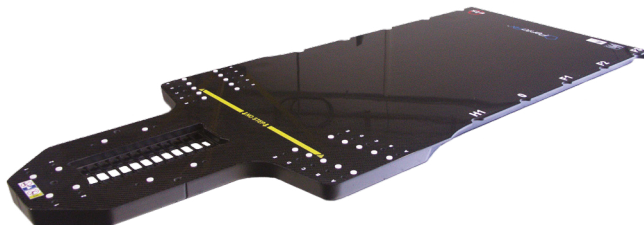
Length: 1328 mm
Aluminum Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



kVue™ PentaFix™ HEAD & NECK INSERT

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

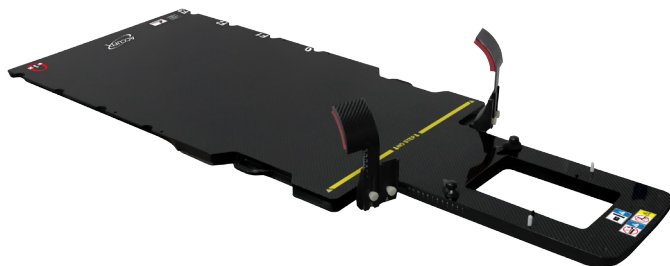
Length: 1325 mm
Aluminum Equivalence: ~0.6 mm @ 100kVp
Water Equivalence: 6 mm @ 6 MV
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



kVue™ Cantilever HEAD & NECK INSERT

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

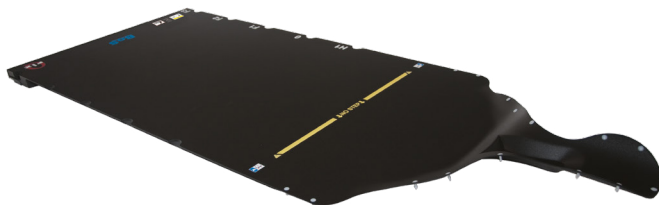
Length: 1368 mm
Aluminum Equivalence: ~0.6 mm @ 100kVp
Weight Limit: 249 kg (550 lb)
Uniformly Distributed Load



kVue™ BoS™ Headframe INSERT

The kVue BoS Insert is specifically designed to meet the requirements of proton therapy for patient immobilisation and beam transmission. The contoured design minimises 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



kVue™ Short INSERT

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



kVue™ Universal Tip INSERT

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: 249 kg (550 lb)
Uniformly Distributed Load over kVue Insert and Back Panel
38.5 (85 lb) @ 25 cm extended from front edge



kVue™ Storage CART

The Couch top Insert Storage Cart stores kVue Couch top Inserts and devices to help organise 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 QA work.





OIS is the distributor for Qfix in the UK & Ireland.

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