BuckyDiagnost



System Overview Components and Configurations

BuckyDiagnost is an universal X-ray system made of building blocks that covers the full radiography spectrum. Due to its modularity BuckyDiagnost is fully scalable, allowing a flexible set-up. Future expansions or digital upgrades of systems are easily possible.

The system offers complete solutions, enabling all routine applications as well as dedicated examinations, e.g. tomography. Compact rooms with floor mounted tube carriers, high through-put chest rooms as well as fully equipped RAD-rooms can be configured to meet the individual customer needs.

All components are characterized by ergonomically design, enabling easy handling and near patient control. Only environmentally friendly materials are used.



PHILIPS

Tube Carrier



BuckyDiagnost CS

The BuckyDiagnost ceiling suspension is a smooth running unit which can be moved longitudinally and transversely and has a four-part telescopic column. The self-explanatory, centralized Bucky control grip allows work close to the patient. It can be operated single-handed. Different options like tomography, sensing or tracking and image receptor can be included. The difference between the two models CS2 and CS4 is their range of transverse movement.



BuckyDiagnost FS – Floor Stand Standard

The BuckyDiagnost FS Standard comprises the full scalability. The control is the same as in the ceiling suspensions. The floor stand comes with a horizontal tube support arm which can be optionally extended to allow for more flexible positioning. It glides on flat profile rails that can easily be crossed with a patient trolley. The large travel range along the table enables exposures at the tilted Bucky wall stands and with the optional rail extension even at a hospital bed. It optionally offers electronic tomography.



BuckyDiagnost FS – Floor Stand Compact

The BuckyDiagnost FS Compact is designed to allow a more compact system set-up. It comprises a L-shaped tube arm carrier that ensures a generous SID also for lateral exposures. It is delivered with one floor and one wall or ceiling rail. The FS Compact with ceiling rail can be adapted to rooms as high as 360 cm (914.40 inch). The large travel range of column and tube assembly movement permits X-ray exposures from head to toe.



BuckyDiagnost FS – Floor Stand Fix

The BuckyDiagnost FS Fix is a floor stand fixed mounted to the floor. It is optimized to the needs of a modern, highthrough-put and completely automated chest room. The column is mounted with a fixed distance to the BuckyDiagnost wall stand. The X-ray tube assembly is mounted directly to the column in case of chest room solutions. Optionally a horizontal tube support arm is available to allow exposures using a patient trolley. It always features automatic collimation. Tube tracking is optional.

Patient Tables and Wall Stands

BuckyDiagnost TH2 / TF - Patient Tables



The BuckyDiagnost patient tables are designed to match with all the needs of conventional radiographic applications. Their ergonomic design and easy handling make it possible to work quickly and conveniently. The wide, floating table top of robust radio-transparent plastic offers patients the greatest possible safety. It is available in two width. BuckyDiagnost patient tables optionally offer Bucky ACL4.

The BuckyDiagnost TF is a fixed patient table, which is designed for standard applications.

The BuckyDiagnost TH 2 is a height adjustable patient table with a large range of movement for optimal vertical and horizontal patient positioning. It allows a preferred working height and an easy transfer of patients in recumbent or seated position.

The patient tables are designed for weights up to 210 kg.



BuckyDiagnost VE / VT – Wall Stands



The BuckyDiagnost VE and the BuckyDiagnost VT are two compact wall stands with a large range of vertical movement for the Bucky unit. It consists of column, Bucky unit and controls. In contrast to the BuckyDiagnost VE, the BuckyDiagnost VT is equipped with a tiltable Bucky unit. This additionally allows special skull and extremities exposures to be taken.

BuckyDiagnost VE/VT wall stands are characterized by their ergonomically designed and arranged controls. This allows easy handling and near patient control.

BuckyDiagnost wall stands can be optionally extended to include measuring chamber for automatic exposure control, cassette size sensing, Bucky ACL4 with automatic cassette loading and interchangeable grid, patient grips and tracking.

BuckyDiagnost – System configurations

 \checkmark = mandatory O = optional

Catalogue segments	704 / 31	704 / 32	704 / 36	704 / 41	720 / 11	720 / 12	746 /
Tube Carrier: BuckyDiagnost CS CS2 / CS4	v	-	√ 01	√ ○#	v	-	746 / 10
BuckyDiagnost FS FS Standard FS Compact FS Fix	-	1	√	√	-	1	746 / 16
Patient Tables: BuckyDiagnost TH2/TF TH2 TF	V	1	1	-	_	-	746 / 31
Wall Stands: BuckyDiagnost VE/VT VE VT	О	0	0	J	0	0	746 / 14
Generators: OPTIMUS 30 single phase OPTIMUS 30/50/65/80	1	1	-	1	1	1	-
X-ray Tubes: RO 1648 / 1750 SRO 2550 / 0951 / 33100	1	✓	1	1	1	√ 74	i 6 /10 /16
Optional features: Autom. collimation Tracking	0	0	0	✓ ○	-	-	-
Tomography Trauma	0 -	0	0 -	-	-	_	-

Note: • The table shows the catalog segments in which the components can be found to configure customer specific systems.

- Out of each block only one component can be taken.
- In some configurations special restrictions apply to combinations with optional features.

The presented figures partially show optional features.



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