INNOVISION-EXII

SYSTEM DATA SHEET

DK⁺ Medical Systems

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INNOVISION-EXII

Innovision-EXII was designed to be the easiest, most intuitive digital radiography system ever created specifically for hospital use. With speed, efficiency and accuracy in mind, you have essential controls at your fingertips and expert tools only a touch away. Combining Elui Intelligent Image Processing with state of art workflow, enables users to get more out of radiography. In addition, Innovision-EXII's unprecedented ease-of-use networking, combined with DICOM 3.0 standard enables a streamlined workflow through seamless, effective data transfer. With its higher performance and proven better throughput, step into new era of ideal work environment and practice.

PRODUCT OVERVIEW

(1) Ultra-High Definition image captured by Flat Panel Detector

(2) Rapid Image Acquisition

(3) Quick and Easy Preparation for Study

(4) Advanced Imaging Applications

(5) Ergonomic Design for High-Performance and Easy Operation

(6) Flexible Connectivity with PACS, RIS and practice management solution, yet digital safety in mind.

(7) Chest, neck, skull, hand, spine, abdominal hips, arm, foot and many other body part study.

(8) Pediatric, child and adult patient studies.

HIGH FREQUENCY GENERATOR

Model Name	AccuRay 1000C
Input Power	380Vac, 50/60HZ, 3Ø, automatic line compensation
Nominal Maximum Power	80kW
Rating	150kV / 630mA, 100kV/800mA
kV range	40 – 150kV (control 1kV step)
mA range	10 – 1000mA
Exposure Time range	0.001 – 10 sec
Communication with Workstation	via DK digital x-ray interface, digital communication
Automatic Exposure Control	Integrated with both Table and Wall Bucky Stand
Anatomical Position Program	224 (in analog console), more than 1,000 (with workstation)
Generator Position	Independent Cabinet / in Rad room

X-RAY TUBE

Model Name	E7869X (Toshiba)
Anode Rotation Speed	2700 rpm @ 50Hz / 9700 rpm @ 180Hz
Anode Heat Accumulate Capacity	600kHU
Focal Spot	0.6 / 1.2 mm
kV range	40 – 150kV (control 1kV step)
mA range	10 – 1000mA
Target Angle	12°

COLLIMATOR

Model Name	R225 ACS
Type	Auto / Manual
Lamp operation time	30 seconds
Filter	1 mm AL / 2 mm AL / 0.3 mm Cu

Model Name	R225 ACS
Field Size	470 X 470 mm (at 100Cm SID)
	50 X 50 mm (at 100Cm SID)
Lamp illumination	160 Lux (LED)

X-RAY TUBE STAND

| Model Name	Elin-T5
Longitudinal Travel	3,612 mm (Fixed Rail 4,500 mm)
Vertical Movement (U-D)	450 – 1950 mm
Transverse Travel	2,351 mm (Moving Rail 3,300 mm)
X-ray Tube Stand Swivel	$\pm 90°$
Balance System	Counter-Spring Balance System
Travel Control	Electromagnetic Break
Tube Rotation	$\pm 180°$ (Motorized)
Horizontal Tube Rotation	$\pm 180°$ (Motorized)
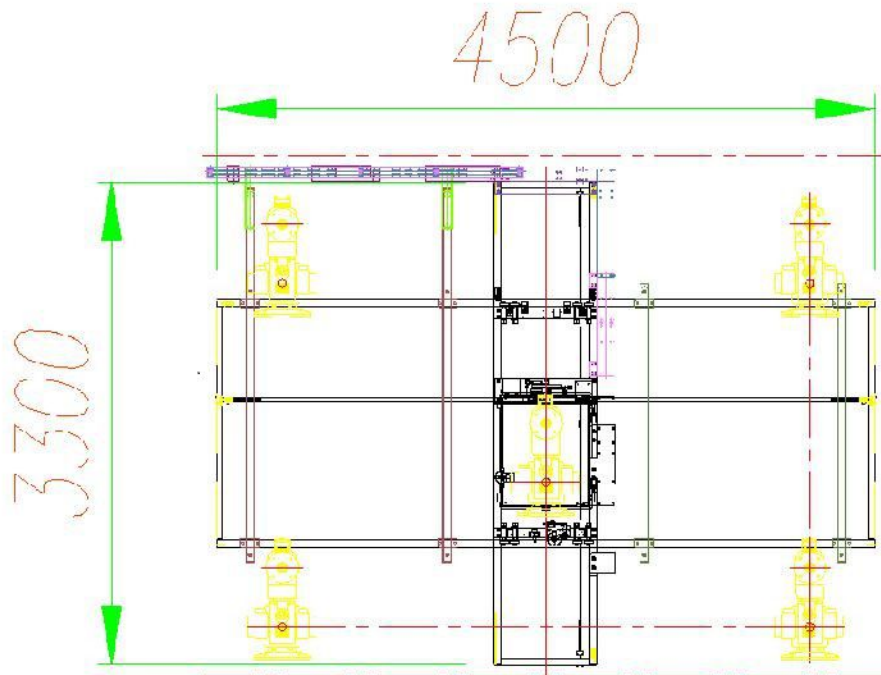
WALL BUCKY STAND

Model Name	DS-100
Movement Method	Motorized / Manual
Vertical Lock Method	Electromagnetic Break
Vertical Travel Range	350 – 2000 mm
Position handle bar for patient	Included
AEC	3 field AEC included
Installation Height	More than 2.0 m
Tiling Angle	-20° ~ 90°

MODEL : DS-100

Titling 0 ~ 90°

Titling 0 ~ -20°
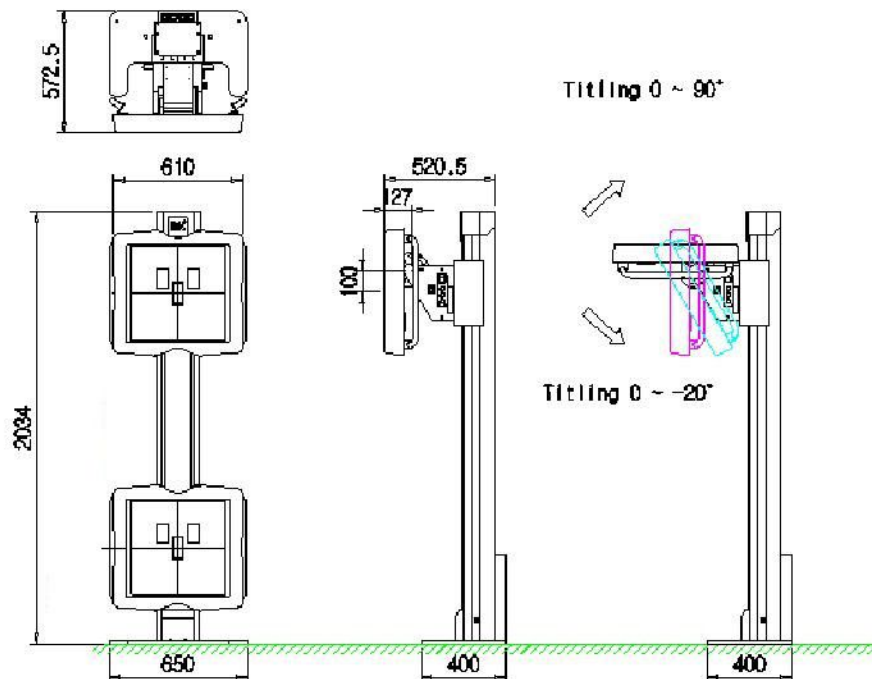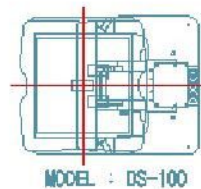
PATIENT TABLE

Model Name	TE-100
Structure	6 way floating table top movement
Maximum weight load	350Kg
Longitudinal movement	±600 mm
Transverse movement	±150mm
Table Top length	2000 mm (Option 2200mm)
Table top Width	800 mm
Elevation Movement Pedal	Included as standard accessory
AEC	3 field AEC included
X-ray Absorption Factor	<0.5mmAL
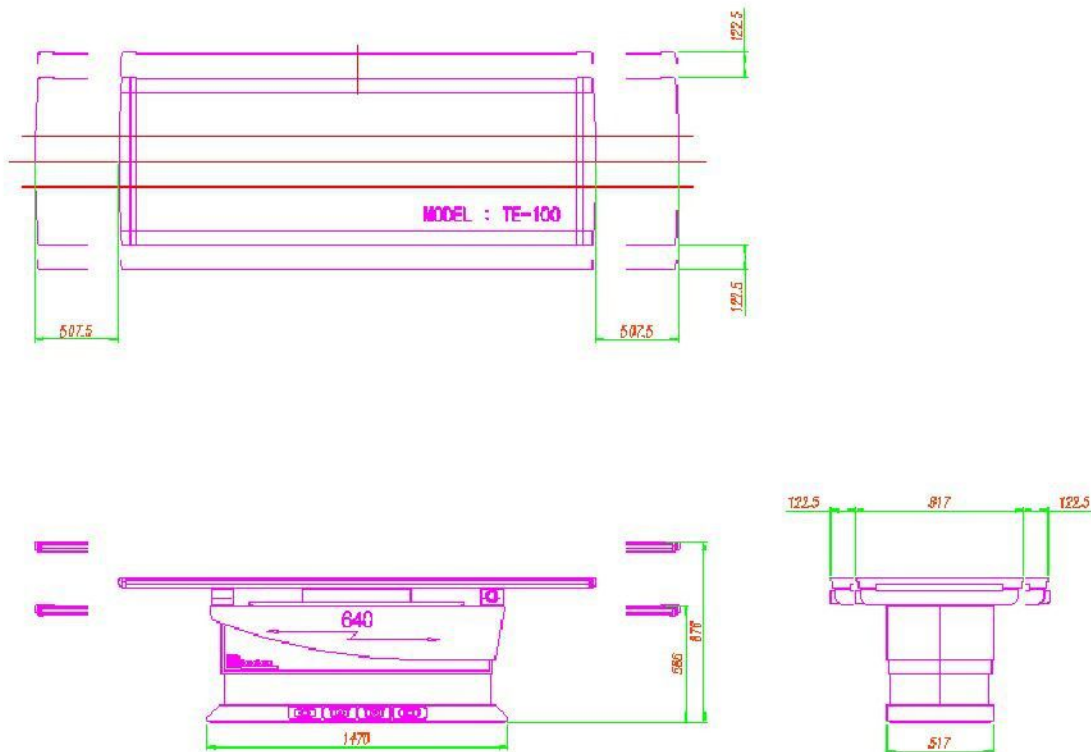
DIGITAL X-RAY DETECTOR (WALL BUCKY STAND & TABLE)

Model Name	FXRD-1717NA (wired)
Panel Active Size	17 X 17 inch
Matrix of Pixel	3048 X 3048 pixels
Pixel Pitch Size	140 μm
Image Format	16 bit
Special Resolution	4.0 lp/mm
Scintillator	Amorphous Silicon / CsI
Processed Image Display Speed	3 sec
DQE	More than 60%
Uniform Load Limit	150Kg

WORKSTATION AND SOFTWARE

Model Name	ELUI
Preset Program	Installed and configured in Workstation. All parameters and different configuration were preset or will preset at the time of installation and training.
Monitor	23", Medical Grade, Touch Screen, 300cd/m^2 gray scale calibrated Supporting DICOM 3.0
Keyboard	Spanish
CPU Speed	3.2GHz or better
HDD capacity	1TB or larger
Memory RAM capacity	8GB or larger
Image managing functions	Window, borders, brightness, contrast, multiformat, statistics Measurement, zoom, pan, annotation, flip vertical, flip horizontal, invert, image rotation, DICOM header display on/off Rotate CW, rotate CCW, marker, ROI, reset, accept study, reject study, Show All, worklist, PACS, Detector connection, Generator status indication and many more
Long Bone Stitching	Auto Stitching function included

Model Name	ELUI
DICOM	DICOM 3.0 full support
Operation System	Windows 7
Image storage option	DVD, CD and USB
Software License	MS Windows 7 (English version), Elui S/W
UPS	Consult Local Authorized Dealer

Remarks.

Every value is this product data sheet is a standard value, and it may vary a little from the actual at each site. The appearance and specification are subject to change for reasons of improvement without notice. Certain configuration may not be available pending regulatory clearance. Contact your DK Medical System representative for information on specific configuration.