

PRODUCT DATA

INNOVISION EXII

(Ceiling Type)



**PRODUCT
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INNOVISION EXII

CONFIGURATION

- (1) Generator
- (2) Tube
- (3) Tube Support
- (4) Bucky Stand
- (5) Table
- (6) Collimator
- (7) Detector
- (8) Workstation

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SPECIFICATIONS

(1) Generator

HX-1000C	
kW	80 kW (0.1~10.0sec)
kV range	40 - 150kV (kV range set in 1kv steps)
kV accuracy	5%
sec range mA range	1ms - 10sec 10 - 1000 mA
mAs range	0.1 - 1000 mAs
Anatomical Programing	1024
Automatic Exposure Control (3 Chambers)	included
Bucky Signal Supply	Standard
Line Voltage	380 VAC ±10%, 50/60 Hz
Line Voltage Digital Interface	Three Phase
Line Voltage Digital Interface Tube	Available E7869X

* Exposure can be controlled via the mini console.

* Anatomical programs are displayed on both the bucky stand and the table.

(2) Tube

E7869X	
Maximum kVp rating	150kVp
kW rating	0.6mm-40kW 1.2mm-100kW
Focal spot size	0.6 X 1.2 mm
Anode heat storage capacity	600 kHU
Maximum anode heat dissipation rate	2465 HU/s
Target angle	12°
Weight	24 kg
Anode Rotation	3,200 rpm- 60Hz / 9600 rpm-180Hz

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(3) Tube Support

ELIN-T5	
Balance system	Spring balance
Vertical Travel	1,600 mm
Longitudinal Travel (Customized)	Max. 4000 mm
Transverse (Customized)	Max.,2500mm
Tube Rotation	Horizontal axis: $\pm 135^\circ$ Vertical axis of the column: $\pm 180^\circ$ (30° Stopper)
Driven Type	Motor & Manual Driven
THD*	Tube angle, SID, Release switch, Collimator lamp switch, User programmable unlock switches, LCD type

* Using the THU controls, vertical tracking with the bucky mount can be enabled when the tube rotation angle is $+90^\circ$ or -90° .

* The function can be automatically withdrawn using the THU controls.

(4) Bucky Stand

DS-100	
Type	Wall-mounted counter-balanced stand. Tilting Detector Stand
Balance system	Weight Balance
Bucky type	Cassette Tray type (Basic) / Fixed Detector type (Option)
Vertical Travel	1,515 mm (± 10 mm)
Height	2,034 mm (± 10 mm)
Bucky Size	43cm x 43cm
Drive type (Vertical)	Manual & Motor Driven
Grid	Moving Grid or removal on request
Vertical lock	Electromagnetic Lock

* Distance between the upper edge and the Bucky floor: 70~2,005mm

* The loading type (left or right) of the detector can be selected during installation.

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(5) Table

TE-100	
Type	6 way Table
Dimension (H)	Max. 816 mm
Dimension (L)	2,300mm
Dimension (W)	817mm
Longitudinal Travel	1100mm
Transverse Travel	250 mm
Motorized Vertical Travel	310 mm
Bucky Movement Range	640 mm
Bucky Device Dimension	43cm x 43cm
Vertical Movement Type	Motor Driven
Bucky Type	Cassette Tray type (Basic) Fixed Detector type (Option)
Maximum Patient Load	220kg
Grid	Moving Grid or removal on request
Tabletop Material	Acrylic

* The table automatically returns to its home position via THU operation, allowing the patient to get off easily.

(6) Collimator

R225ACS	
Electric Power	24VAC/DC, 2A
Type	Auto Rectangular
kV Range	Maximum 150 kVp
Field X-ray Beam	Max: 47 × 47 cm (SID < 100 cm) MIN: 00 × 00cm (SID < 100 cm)
Lighting Intensity	>160 lx
Lead Equivalent of Leaves	Lead Equivalent of Leaves Not specified
Filtration: Inherent filtration	2.0 mmAl Eq. (Permanent filter).
Power Requirements	Pediatric filter: 0.1 mmCu (HVL 2.7 mmAl @ 75 kV)
Dimensions (L x W x H)	282 × 244 × 216 mm

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* The three different colored LEDs (red, green, and yellow) tell the user in what mode the collimator is functioning and whether any errors/dangerous operating conditions are present.

(7) Detector

FXRD 4343VAW	
Detector type	a-Si (Amorphous Silicon) TFT
X-ray Conversion	CsI type A
Wired/Wireless	Wireless
Panel size	17 x 17 inch
total Pixel Number	3,072 x 3,072
Image format	16bit
Spatial Resolution	3.5lp/mm
Pixel Pitch	140 μm
Acq. time*	3 sec
AED	Yes
Waterproof	IP67
Waterproof	IP67
Dimension	460 x 460 x 15mm
Weight	3.45kg (One battery pack) 3.65kg (Two battery packs)

(8) Workstation

Acquisition Workstation		
Workstation	CPU	i5 8500 3.0GHz
	M/B	GIGABYTE GA-H310M S2P
	Memory	DDR4 4G PC4-21300
	HDD 1	SEGATE 1TB 7200RPM
	HDD 2	Samsung 850 SSD 120G
	POWER	FSP ATX500-50HYN
	OS	WIN 10 PRO 64BIT
Medical Monitor	Monitor	21.5inch
	Type	LED
	Brightness	400cd/m2
	Pixel size	0.284 X 0.284
	Viewing angle	178(left/right) 178(upper/bottom)

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Resolution	1920 X 1080
Contrast	3000:1
Screen ratio	16:09

Remarks

Every value in this Product Data Sheet is a standard value, and it may vary a little from the actual at each site
The appearances and specifications are subject to change for reasons of improvement without notice.
Certain configurations may not be available pending regulatory clearance. Contact your DK Medical system representative for information on specific configurations.



DK Medical System Co., Ltd

International Business Team

DK Bldg, 18, Baumoe-ro 7-gil, Seocho-gu, Seoul, 137-900, Korea

Factory

52, Chupal-Ri, Paengsung-up, Pyeongtaek-si, Gyeonggi-do, 451-805, Korea

Tel : 82-31-658-7231~7, FAX : 82-31-658-7239

<http://www.dk.co.kr>



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