

Q-RAD

GENERAL RADIOGRAPHIC SYSTEM



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High Productivity and Reliability :

With over a century of experience in manufacturing X-ray apparatus, Shimadzu's expertise in X-ray system is well recognized, For years, Shimadzu's X-ray products have been associated with legendary reliability, cost-effectiveness and quality in the medical industry, Shimadzu's general radiographic systems are imbued with the Shimadzu heritage. Additionally, our general radiographic systems features state-of-the-art technology that enhances productivity, user-operability, patient comfort and safety.

Q-RAD

The system is for compact floor-mounted tube support installations.

Designed to exacting specifications, the system delivers high-performance, high-quality, and cost-effective operation in a superior general radiographic system.



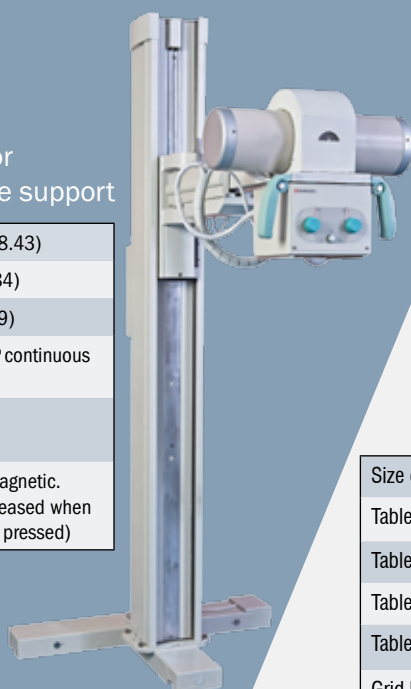
FH Series

X-Ray tube support

Column Type

Fully counterbalanced floor mounted column type tube support

Longitudinal travel mm (in)	2500 (98.43)
Lateral Travel mm (in)	250 (9.84)
Vertical Travel mm (in)	1500 (59)
Tube angulation around horizontal axis	+/- 180° continuous
Column rotation for lateral table radiography	+/- 90°
Locking method	Electromagnetic. (Lock released when switch is pressed)



BK-12SI

Bucky Table

Fixed table with four way floating top with extremely smooth movement making patient positioning easier. Table includes a bucky unit with a cassette tray and grid

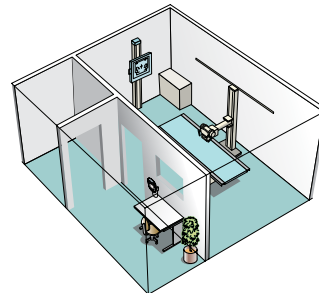


Size of Table Top mm (in)	810 x 2000 (31.9x 78.7)
Table top height mm (in)	700 (27.6)
Table top movement	4 Way
Table top material	Medium density fibre wood
Table top floating range mm (in)	Long 1100 (43.3), Trans +/-125 (+/-4.9)
Grid Unit	R-10:1, N-40 lines/cm F-100 cms
Max. allowable patient load	200 kgs
Locking method	Electromagnetic (Lock released when pedal is pressed)

Hallmarks of Shimadzu X-ray Systems!

Space Saving Concept

The compact, space-saving high-frequency generator and tube support provide greater working space and flexible layout.



UD125P-C/CH Generator

High-frequency Inverter Technology

High Voltage X-ray Generator		
Model	UD125 P-C (standard)	UD125 P-CH (Houseline)
Control Method	High Frequency Inverter technology	
Max Power	16KW	
Kvp Range in steps of 1Kvp	40 - 125Kvp	
mA Range	63 - 200mA	
mAs Range	0.5 - 320mAs	0.5 - 200mAs
Exposure time range	0.0025 - 5Sec	
Anatomic Programme (APR)	432 Presets	
Display Parameters	KV, mA, mAs	
Normal Power Voltage 50 Hz	Three Phase 440 VAC Connected to single phase only	Single - Phase 200/230 VAC
Required Current Rating	50A	15A
X-ray Tube Unit		
Tube model	Standard E 7239X	Option Shimadzu 1.2 U 16 ICS-31
X -ray Tube Type	Rotating Anode	Rotating Anode
X ray Tube Focal Spot	Dual Focal Spot	Single Focal Spot
Small Focus	1mm X 1mm	1.2mm X 1.2mm
Large Focus	2mm X 2mm	
Anode Heat Capacity	140KHU	200KHU
Anode Angle	16'	16'



BR-12SI

Vertical Bucky Stand

BR - 12Si includes a bucky unit with a cassette tray and a grid. A convenient lower cut out makes this unit both compact and easy for the patients.

Movement	Manual, Counter balanced
Bucky Unit	Grid: R-12:1, N-40 lines /cm F-170 cms
Vertical Travel Range	640mm - 1950mm
Locking method	Electromagnetic (Lock released when switch is pressed)



R-12SI

Manual Collimator

- Max. 430 mm x 430 mm irradiation field at 100 cm SID
- Light switch with automatic off function
- Accessory rails





Upgradable to DR

Q-RAD can be **readily upgraded to Digital Radiography**. A single portable DR panel can be used with both Bucky Table and Vertical Bucky making it very productive and cost effective DR solution. Portable panels, like cassette can easily be used for imaging of special views.



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