

Q-RAD 50
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 50

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.



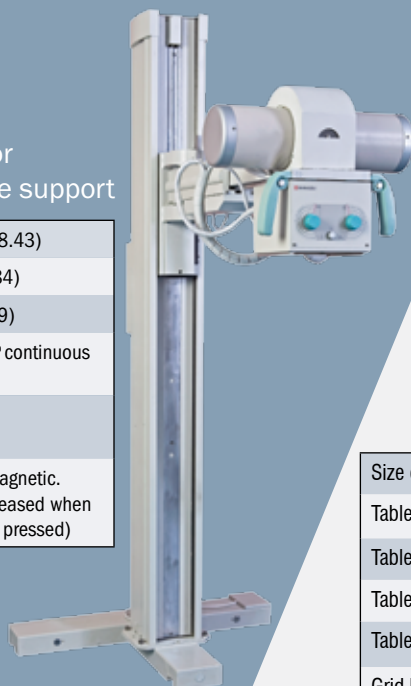
FH Series

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

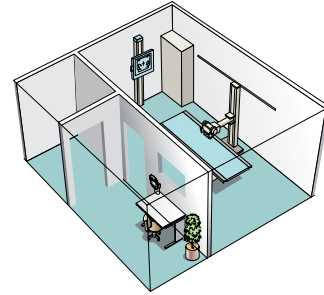


Size of Table Top mm(in)	810 x 2000 (31.9x 78.7)
Table top height mm(in)	700 (27.6)
Table top movement	4 Way
Table top material	Medium density fibre
Table top floating range mm(in)	Long 1100 (43.3), Trans +/-125(+/-4.9)
Grid Unit	R- 10:1,N-40 lines/cm F-100 cms
Max. allowable patient load	200 kgs
Locking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



UD150L-40E Generator

High-frequency Inverter Technology

High Voltage X-ray Generator		
Model	UD 150L -40E	
Control Method	High Frequency Invert technology	
Kvp Range in steps of 1Kvp	40 - 150Kvp	
mA Range	10 - 630mA	
mAs Range	0.5 - 800mAs	
Exposure time range	0.001 - 10Sec	
Anatomical Programme (APR)	245 Presets, user programmable	
Display Parameters	KV, mA, mAs, Error messages	
Normal Power Voltage 50Hz	3-Phase AC 400 V, 50KVA	
X-ray Tube		
Tube model	Standard E 7242X	Option Shimadzu 0.6/1.2P 18DE/38DE
X -ray Tube Type	Rotating Anode	Rotating Anode
X ray Tube Focal Spot	Dual Focal Spot	Dual Focal Spot
Small Focus	0.6mm X 0.6mm	0.6mm X 0.6mm
Large Focus	1.5mm X 1.5mm	1.2mm X 1.2mm
Anode Heat Capacity	200KHU	200KHU
Anode Angle	14'	12'



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 50 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.



 **SHIMADZU**
Excellence in Science



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