



URS Universal Radiography System

The URS Universal Radiography System offers features for fast, simple patient positioning. The system's U-arm design maintains constant alignment between the X-ray tube and image receptor, regardless of tilt position or image receptor angle. The small footprint and floor-mounted design makes it easy and cost-effective to install and use without compromising imaging capability.

- Motorized system movements with variable SID
- Equipped with anti-collision system using impact sensors
- Stitching exam capability
- User controls available at different locations: tube head, control panel at detector and infrared remote
- Accommodates imaging of patients in multiple positions (standing, sitting, or lying down*)
- Flexibility in system configurations



*Optional patient imaging table required


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URS SYSTEM

Compatible CXDI Digital Detectors

CXDI-710C Wireless Detector	CXDI-702C Wireless Detector
CXDI-410C Wireless Detector	CXDI-402C Wireless Detector

Table Options (sold separately)

Patient table – elevating 4-way float:	Carbon fiber tabletop
	550 lb (250 kg) table weight capacity
	Rechargeable batteries in table base
	Electromagnetic brakes
	Movements: Longitudinal: +/- 19 in. (491 mm) Transverse: +/- 4 in. (105 mm) Motorized vertical: 16 in. (400 mm) (min. 24 in. to max. 39 in. or 600 mm)
Table dimensions: 93.23 in. X 25.59 in. (2368 mm X 650 mm)	

Options (sold separately)

DAP Meter*	Automatic collimator
Infrared remote	Automatic stitching function
Tube head image preview	Vertical stand for stitching

*Manufactured by third party.

SPECIFICATIONS

Generator

High frequency	100 kHz
kVp range	40–125, 150 kVp standard on 50 kW–80 kW
mA range	10–800, generator specific
Time range	1 ms–10 sec
Rotor control	Low speed or high speed
Automatic exposure control	Yes
Generator	50 kW single phase 50 kW, 64 kW, or 80 kW 3-phase

Universal Stand

Motorized movements	SID, rotation, elevation, motorized bucky angulation
Arm rotation	+ 120° / - 30°
Movement speed	Low speed and high speed movement
Source to Image Distance (SID)	40 in. – 72 in. (100 cm – 180 cm)
Maximum distance (from bucky)	72 in.
Minimum distance (from bucky)	45.2 in. (1149 mm)
Tube rotation	360° (+/- 180°) with 45° detents
Safety devices	Intelligent anti-collision system
Collimator	Manual with laser light
Dimensions (H x W x D)	104.3 x 83 x 66 in. (2649 x 2108 x 1676 mm)
Weight (without detector)	714.3 lb (324 kg)
Console	Digital touchscreen
Manual stitching	Yes (standard)

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