

SPECIFICATIONS

MOTORIZED SWIVEL ARM

Dual-speed motorized movement for: 1) SID adjustment; 2) arm elevating movement
3) rotation of the arm

Source-to-image distance (SID) 100-180 cm (39.4" - 70.9") continuously adjustable
(dual-speed motorized movement)

Vertical travel 1.215 mm (47.8")
Rotation angle 150° (90° +/- 30°)

IMAGE DETECTOR CABINET

Detector cabinet with integrated Control Panel - image digital detector maximum: size 43 cm x 43 cm (17" x 17")
- range of tilt: +/- 45°

Grid type 1) Reciprocating bucky (oscillating grid)
(103 lines / Ratio 12:1 / f = 150 cm / 59")
2) Grid cabinet + non oscillating interchangeable grid
a) 1st. grid - 180 lines / Ratio 12:1 / f = 100 cm / 39.4"
b) 2nd grid - 180 lines / Ratio 12:1 / f = 180 cm / 70.9"

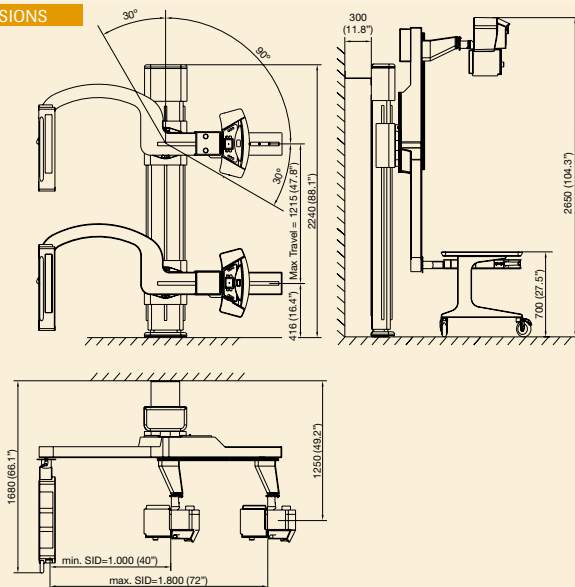
MOBILE PATIENT TABLE

Table-top composition Laminated structure
Patient capacity 200 kg (441 lb)
Dimensions (L x W x H) 2.000 mm x 650 mm x 700 mm (78.7" x 25.6" x 27.6")

OPTIONS

Mobile table Carbon fiber table top - Patient capacity: 200 kg (441 lb)
Collimator Automatic collimator
Unit fixation system Floor to ceiling mounting support
Image Detector Cabinet Motorized rotation movement

DIMENSIONS



Specifications subject to change without prior notice

MAIN COLUMN

Floor to wall mounted support
Dual-speed motorized swivel arm
vertical movement for effortless
and accurate setting

X- RAY GENERATOR

RADIOLOGIA Compact X-ray generator (up to 80 kW output power) available in three power versions: line powered / battery powered / capacitor assisted

COLLIMATOR

- Manual type collimator
- **Linear laser beam** for patient positioning in combination with light field indicator
- Rails for accessories
- Measuring tape

WEIGHTS

- UNIVERSAL X Plus LP net wight: 324 kg (714.3 lb)
- (mobile table and digital image detector are not included)
- Mobile table net weight:
a) standard table: 46 kg (101.4 lb)
b) carbon fiber table: 30 kg (66.1 lb)

POWER LINE REQUIREMENTS

(UNIVERSAL X Plus LP only)
Line Voltage: 208; 230; 240 VAC(single phase)
Power consumption: 1,5 kVA



Carbon Fiber Table Top
(Optional Mobile Table)

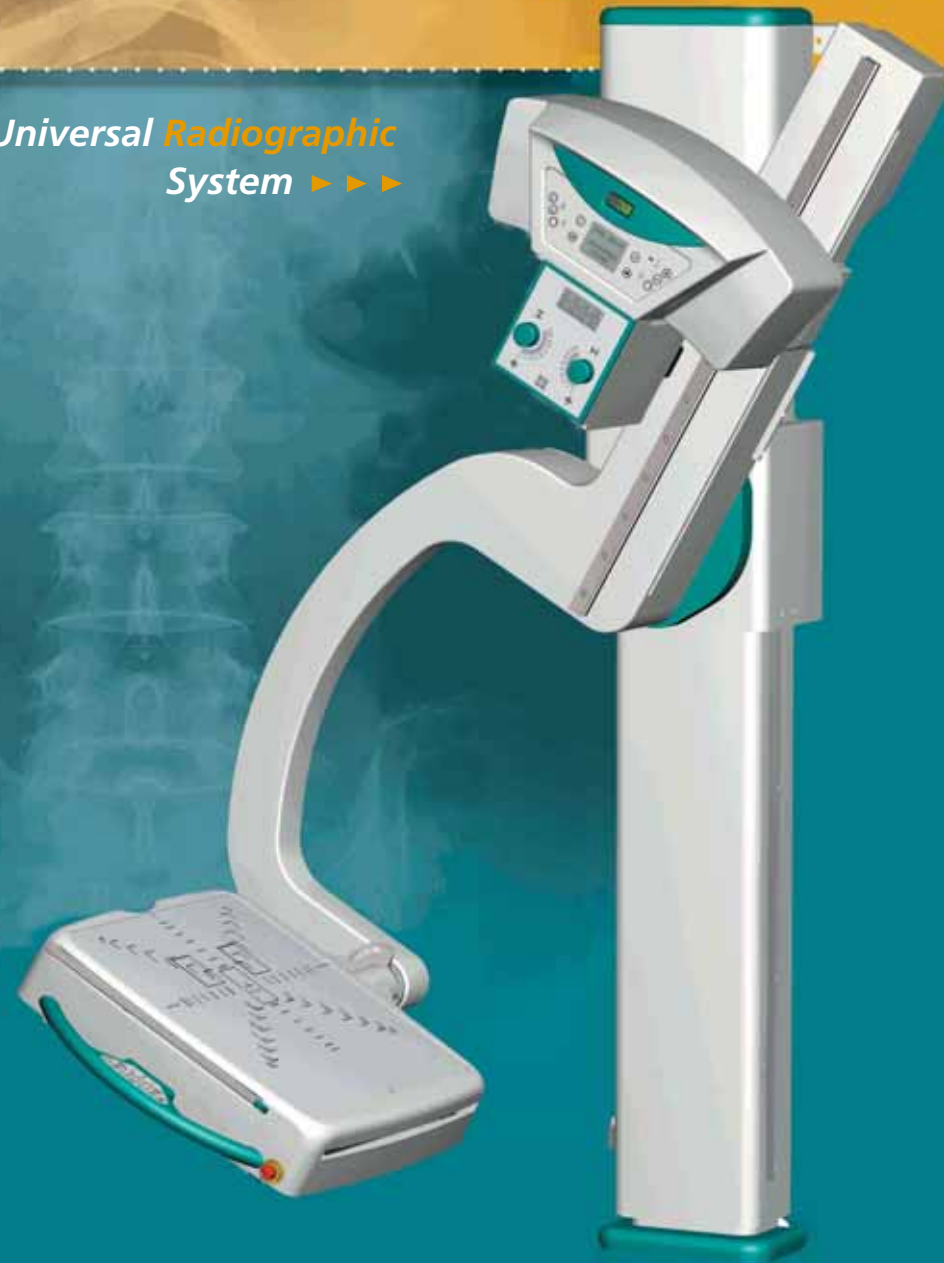


Stratified Laminated Table Top
(Standard Mobile Table)

Universal X Plus LP



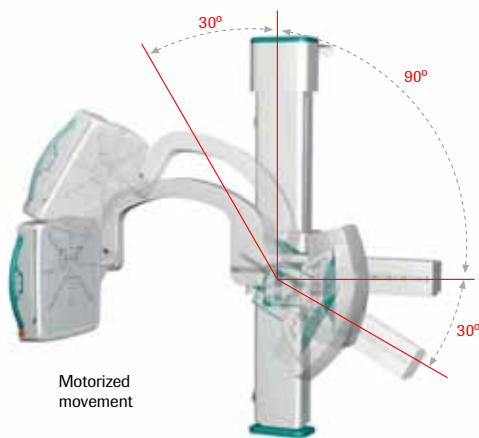
Universal Radiographic System ▶▶▶



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Universal X Plus LP

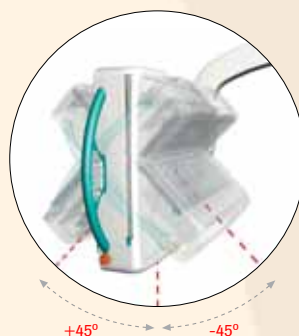


Universal X plus LP system has been designed as a world-class direct digital imaging systems for use in hospital emergency departments, traumatology and all general radiology applications.

The C-arm desing maintains constant alignment between the x-ray tube and image receptor, regardless of C-arm tilt positions or image receptor angle. Its extraordinary flexibility makes the system ideal for all patients in standing, sitting or laying position, including those who are disabled or physically restricted.

All system movements are motorized.

The image receptor rotates within a range of +/- 45° to allow for various studies



100-180 cm. (40"-72") VARIABLE SOURCE-TO-IMAGE DISTANCE

The Universal X plus LP provides a variable source to image distance (SID) of 100 to 180 cm (40"-72") to accommodate a range of radiographic studies.

The x-ray tube assembly can be easily moved from 100 to 180 cm (40"-72") at any C-arm angle position, by using the operator hand control.

min. SID 1m (39.3")
max. SID 1.8m (70.8")



The Universal X plus LP C-arm design accommodates cross-table for easy patient positioning.

With the patient table the patient can be moved into any required position without the need for repositioning.

POSITIONING FLEXIBILITY AND EASE OF USE FOR ALL PROCEDURES

The system's operator-friendly controls dual speed motorized movements, and the intelligent anti-collision system makes the patient positioning quick, easy and safe.

User-friendly console and constant alignment of x-ray table and digital image receptor guarantee efficient and confidence diagnosis.



DIGITAL TECHNOLOGY

Advantages of digital radiography

- ▶ Faster exam times, resulting in more patient throughput and increased productivity.
- ▶ Greater visualization of soft tissue and bone from the same study exposure (wide dynamic range).
- ▶ Significant reduction in repeat patient exposures.



Universal X plus LP can be equipped with any digital x-ray detector up to 43 x 43 cm. (17" x 17") size.

Digital Detector Assembly

