Universal Radiographic System
Medlink Optima URS 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 design 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

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

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

**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.

Medlink Optima URS Plus LP can be equipped with any digital x-ray detector up to 43 x 43 cm. (17” x 17”) size.

**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 confident diagnosis.
# SPECIFICATIONS

## BASIC UNIT
- Source-to-image distance (SID): 100-180 cm / 39.4"-70.9" continuously adjustable (dual-speed motorized movement)
- Power supply: 115, 208, 230, 240 VAC single phase, 1.5 kVA
- Dimensions (H x W x D): 2,650 mm x 2,110 mm x 1,680 mm / 104.3" x 83" x 66"

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

## SWIVEL ARM
- Dual-speed motorized movement (for SID and vertical travel)
- Vertical Travel: 1,150 mm / 45.3"
- Range of rotation: 150° (0° ±/− 30°)

## BUCKY UNIT
- Type - Grid
  - Digital captor (max. image size: 43 cm x 43 cm / 17" x 17")
  - Range of tilt: ± 45°
  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"

## X-RAY GENERATOR
- Radiologia Compact X-ray generator (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

## MOBILE PATIENT TABLE
- Table-top composition: Laminated structure
- Patient capacity: 160 kg / 352.7 lb
- Dimensions (L x W x H): 2,000 mm x 850 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

## WEIGHTS
- Medlink Optima URS Plus LP net weight: 324 kg / 714.3 lb (mobile table and digital image detector are not included)
- Mobile table net weight: 46 kg / 101.4 lb

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**DIMENSIONS**

Specifications subject to change without prior notice

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![Carbon Fiber Table Top (Optional Mobile Table)](image)

![Stratified Laminated Table Top (Standard Mobile Table)](image)

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![SGS](image)  
![CE](image)  
![SGS](image)  

![CE (0120)](image)