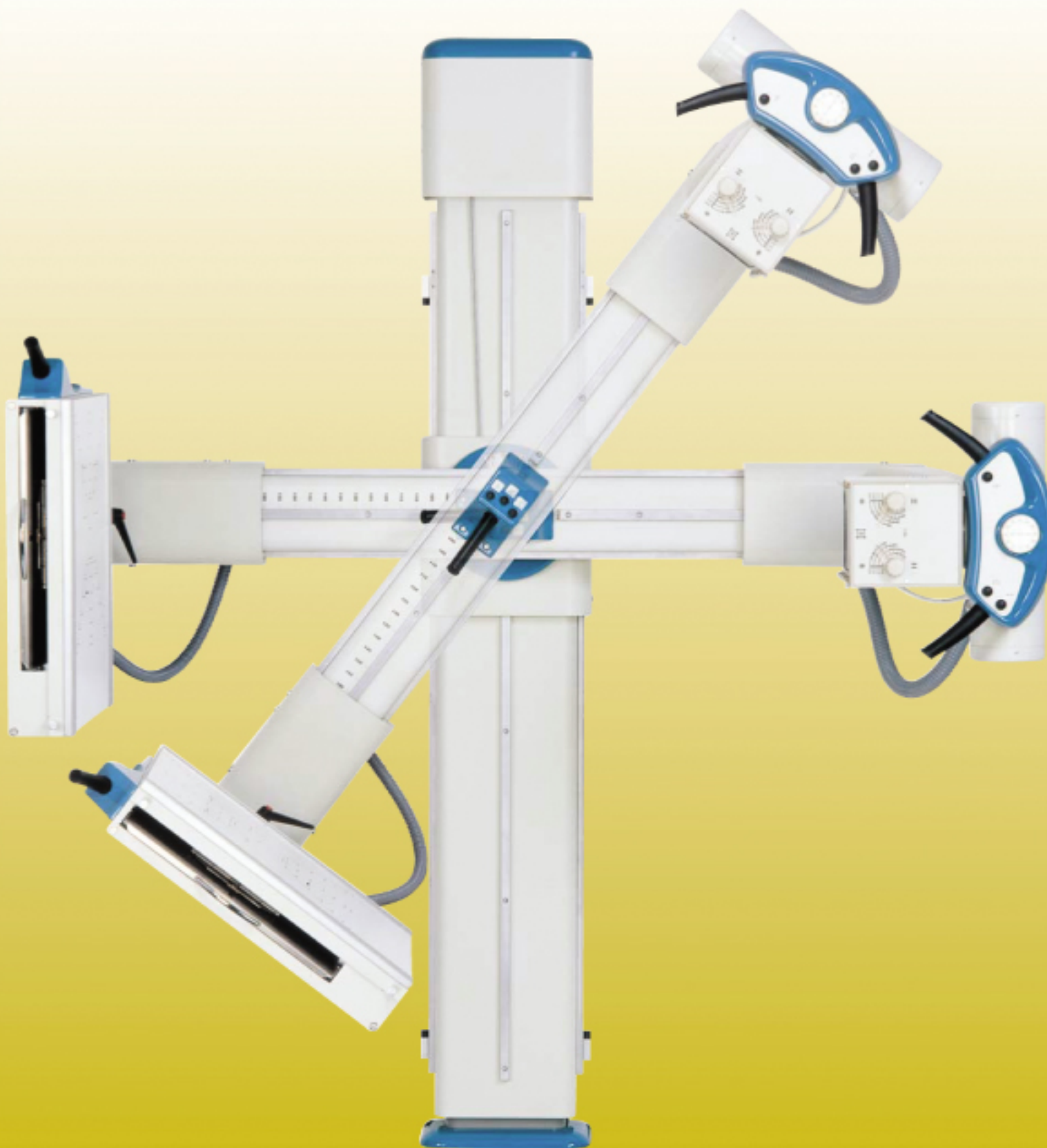


Optima URS

Universal Radiographic System

www.medlinkimaging.com



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IMAGING

MEDICAL IMAGING SUPPLY LEADER

Optima URS

Optima URS is a universal swivel arm X-ray system. It is easy to operate and permits a swift radiographic procedure, a feature which applies to all conventional exposure techniques on all parts of the body.

Optima URS is composed of a floor-to-wall column and a turnable arm with variable height centre. It allows to take exposures of patients in standing, sitting or laying position.

Owing to its compact design Optima URS is a low-cost radiography system which takes up little space and is quick to install.



Exposures of patient in the seated position

During all movements of the swivel arm, and when the Bucky unit is tilted, the radiation beam axis always remains aimed at the centre of the film. This simplifies making adjustments and speed up positioning. During exposure the patient adopts a comfortable, relaxed posture.



Exposures of patients in the standing position


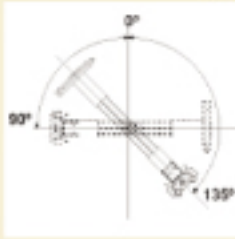

Owing to the large vertical movement of the swivel arm patients in the standing position can be examined from head to feet. The large SID of 2.0 m in conjunction with the short source-image distance allows images with optimum geometry. Frequent applications are, for example, exposures of the chest and extremities.



Exposures of patients in the lying position

With the patient table the patient can be moved into any required position without the need for repositioning. Therefore Optima URS offers the same advantages as a Bucky radiography table with a floating table top.

SPECIFICATIONS

Basic unit Source-image distance (SID): Power supply Dimensions (H x W x D)	100-200 cm. continuously adjustable (manually) 115, 208, 230, 240 VAC; single phase, 350 VA 2.720 mm x 2.260 mm x 1.400 mm									
Main column for effortless, accurate setting	Sturdy wall and floor-mounted support column with counterbalanced swivel arm									
Swivel arm Vertical Travel Brakes Range of rotation	1.140 mm Electromagnetic (24 V DC), and manual <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><i>Manual Version</i></p>  <p>bucky on left side (standard)</p> </div> <div style="text-align: center;"> <p><i>Motorized Version</i></p>  <p>bucky on left side (standard)</p> </div> <div style="text-align: center;">  <p>bucky on right side (optional)</p> </div> </div>									
Bucky unit Type	<ul style="list-style-type: none"> - with cassette holder and bucky (max. cassette size: 43 x 43 cm) - range of tilt $\pm 45^\circ$ - flat locking rails for accessories 									
Grid	103 lines / Ratio 10:1 / $f_0 = 150$ cm. Other grids can be used if required									
Generator	SEDECAL Compact X-ray generator (line powered / battery powered)									
Tube assembly	X-Ray tube turnable 360° with angle reading and detents at every 45° .									
Collimator	Manual collimator with light field indicator and rails for accessories									
Patient table Dimensions (L x W x H)	2.000 mm x 650 mm x 700 mm									
Options	<ul style="list-style-type: none"> - Installation of bucky on right hand side - Ionization chamber for bucky unit - Motorized movement for SID and vertical travel 									
Accessories	<ul style="list-style-type: none"> - Compression band device - Head support 									
Weights - URS net weight (table not included): - Table net weight :	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%; text-align: center;">non-motorized</th> <th style="width: 25%; text-align: center;">motorized</th> </tr> </thead> <tbody> <tr> <td>- URS net weight (table not included):</td> <td style="text-align: center;">260 kg</td> <td style="text-align: center;">294 kg</td> </tr> <tr> <td>- Table net weight :</td> <td style="text-align: center;">46 kg</td> <td style="text-align: center;">46 kg</td> </tr> </tbody> </table>		non-motorized	motorized	- URS net weight (table not included):	260 kg	294 kg	- Table net weight :	46 kg	46 kg
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Specifications subject to change without notice

