

OPTIMA millennium

CEILING SUSPENSION SPECIFICATIONS

Positioning movement:

Vertical travel: manual movement (standard) / motorized movement (optional)

Longitudinal travel: manual movement

Transversal travel: manual movement

Digital display:

Digital display for the SID measures

Digital display for the X-ray tube angulations

Digital display for indication of position on the horizontal axis

Ceiling Suspension Tube Stand movements:

Longitudinal travel: 350 cm (137,79")

Transversal movement: 218 cm (85,83")

Vertical motorized Travel: 150 cm (59,05"), synchronized with wall bucky movement

Focal spot to ceiling: min. 100 cm (39,37") (Parking position)

Tube stand rotation: +/-180°, mechanical detent every 90°

X-ray tube rotation: +180/-135°, mechanical detent every 90°

Electromagnetic brakes for tube rotation and tube arm movements:

Set of two longitudinal rails 440 cm (173,23") length

Transversal bridge 350 cm (137,79") long

MOTORIZED OPTION FEATURES

Alignment Control System of the Wall Bucky Stand, through synchronized movement with the Ceiling Suspension. Once the system is activated, any vertical movement of the Wall Bucky Stand, the Ceiling Suspension will automatically follow any vertical movement of the wall bucky stand to the center position of the bucky.

The synchronized movement between elevating table and ceiling suspension always keeps SID constant.

Ceiling Suspension Radiographic System

Specifications subject to change without prior notice.

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SEDECAL

C/ Pelaya, 9 - Polígono Industrial "Río de Janeiro"
28110 - Algete (Madrid-SPAIN)
Central Offices:
Tel.: (34) 91 - 628 0544 / 91 - 628 1592
Fax: (34) 91 - 628 0574
Email: marketing@sedecal.com

Factory:

Tel.: (34) 91 - 629 0721
Fax: (34) 91 - 629 0783
Email: manufacturing@sedecal.com

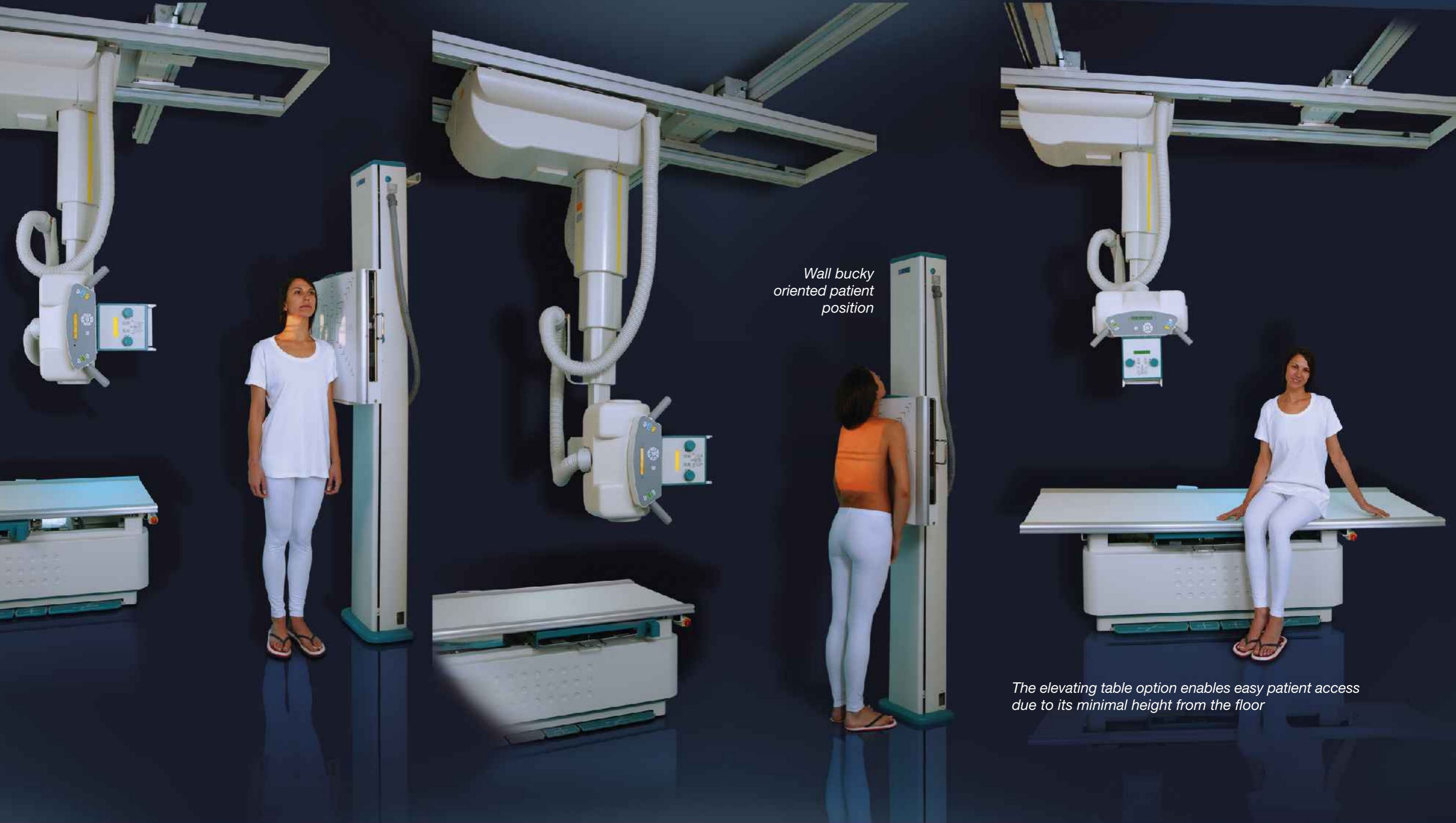
SEDECAL USA Inc

2910 N Arlington Heights Rd.
Arlington Heights, Illinois 60004
USA
Tel.: 1 (847) 394 - 6960
Fax: 1 (847) 394 - 6966
Email: sales@sedecalusa.com



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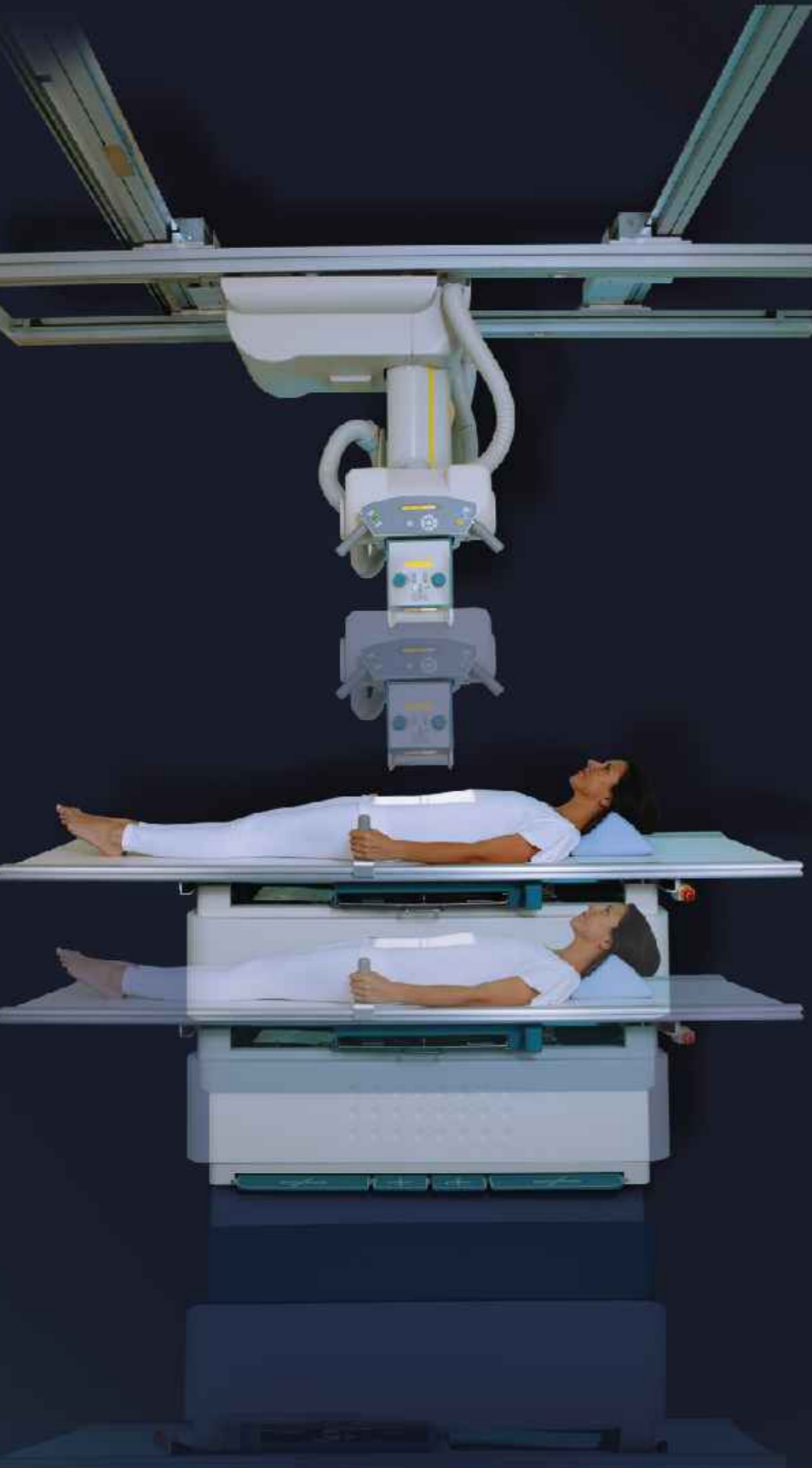
Ceiling Suspension Radiographic System



Wall bucky oriented patient position

The elevating table option enables easy patient access due to its minimal height from the floor

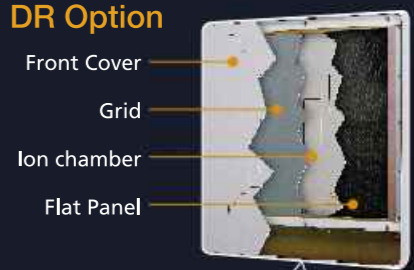
Ceiling Suspension Radiographic System



Ergonomic controls to operate all movements of the ceiling suspension

Options
*Synchronized movement of the X-ray Tube (Bucky tracking) relative to the table and vertical Bucky up and down movements.
Automatic collimation synchronized to both the based on cassette table and Wall Bucky*

Extensive vertical travel with both ceiling suspension telescope and wall bucky stand



Ceiling Suspension Radiographic System

A wide range of angular projections are possible

Floating table-top with extensive travel range



Lateral projection positioning

The Twin Bucky includes a cassette tray compatible with sizes ranging from 13x18 cm to 35x43 cm (5,12"x7,09" to 13,78"x16,93")



Option
Wall Bucky with moving grid designed for spinal examinations using cassettes up to 30x120 cm in size (11,81"x47,24")



Options & Accesories

External cassette holder
 (30x90 cm; 30x120 cm)
 (11,81"x35,43"; 11,81"x47,20")
 for the complete spine examination

Twin bucky option
 Wall Bucky with reciprocating moving grid (40x122 cm) (15,75"x48,03")
 Cassette tray for cassette sizes ranging from 13x18 cm to 35x43 cm (5,12"x7,09" to 13,78"x16,93")

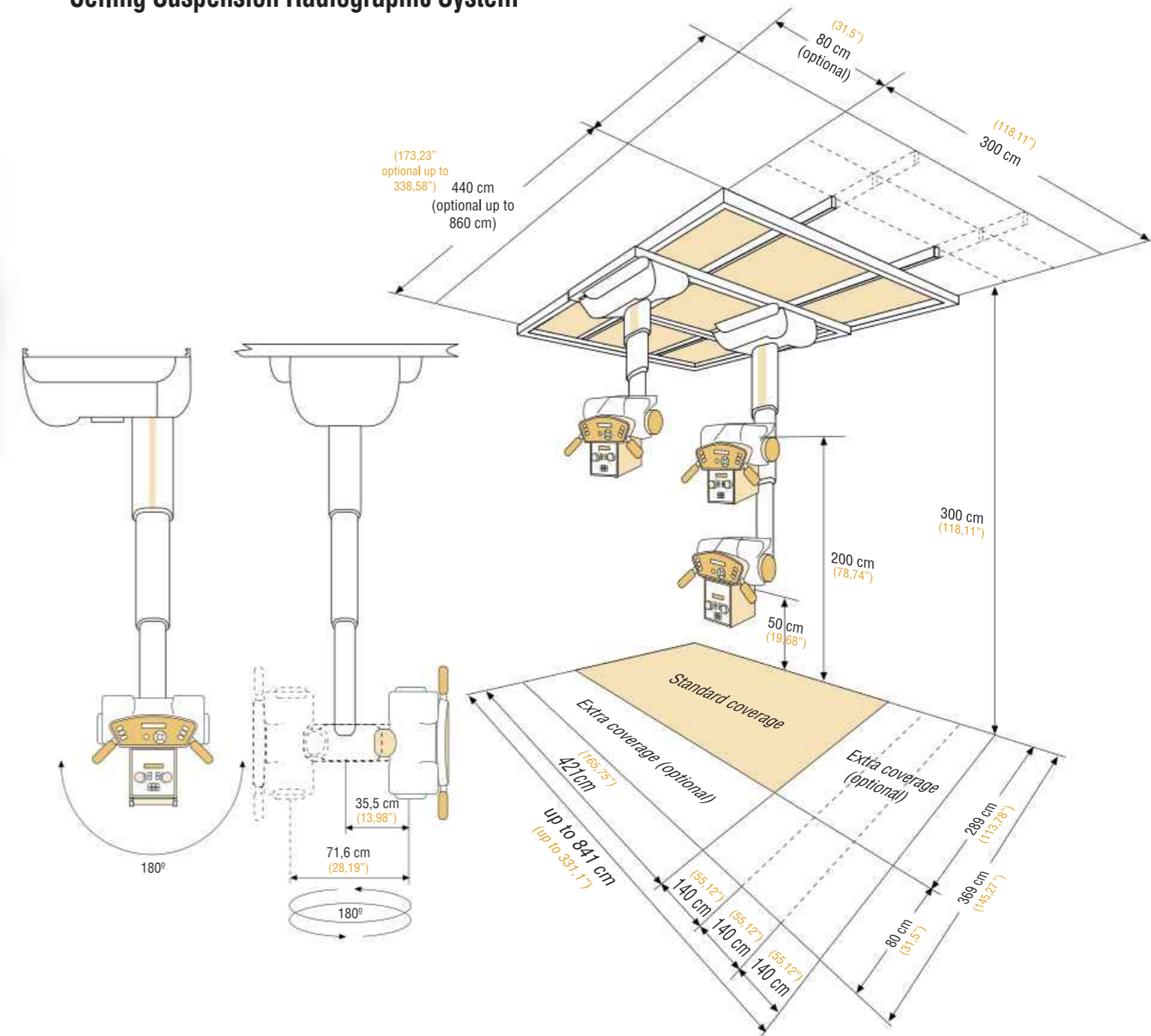
Hands support
 adaptable on the left and right side of the wall bucky stand for a precise and easy positioning of the patient

Infant Support
 Fixture for positioning of the Infant support available on different sizes



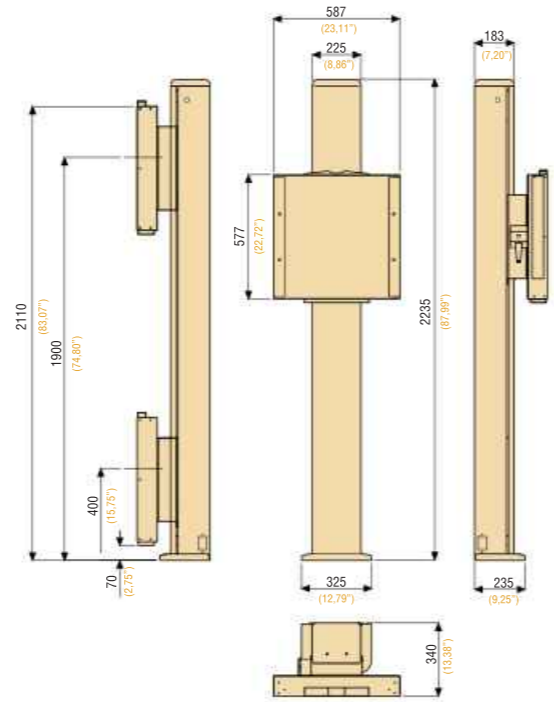
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Ceiling Suspension Radiographic System

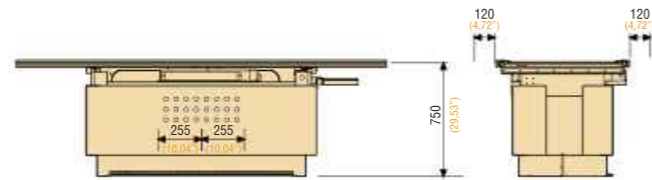


Ceiling Suspension Radiographic System

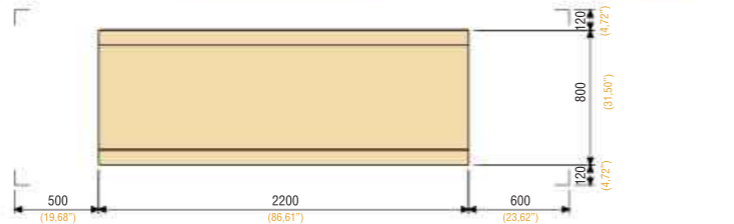
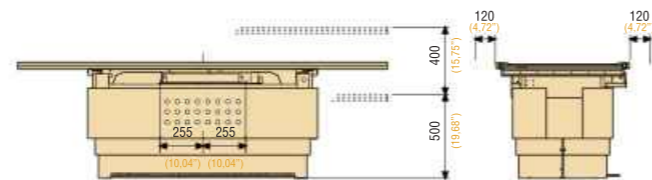
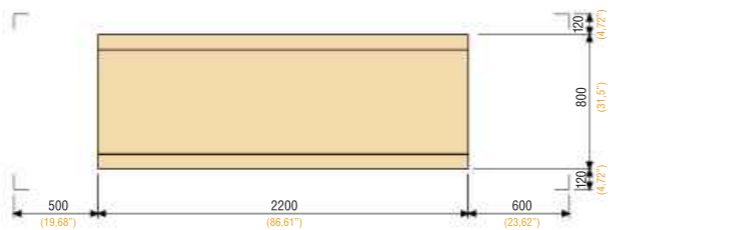
Wall Bucky



Four ways floating top table



Six ways floating top table



DIGITAL RADIOGRAPHY (DR) Option - X-Ray Generator, Wall Bucky stand and Bucky Table are prepared to be integrated with any kind of DR system available in the market

Four ways floating top table

Table top dimensions	220x80 cm (86,61"x31,5")
Height from floor	75 cm (29,53")
Table top composition	Laminated structure (according to EN 438 standard)
Table top-to-film distance	8.5 cm (3,35")
Table top Al. equivalence	< 1mm Al. @ 100 kVp
Table top weight limit	200 kg
Table top movement	Manual, 4-way floating top
Longitudinal travel	110 cm (43,31")
Transverse table top travel	24 cm (+12 cm / -12 cm) (9,45" (+4,72" / -4,72"))
Table locks	Electromagnetic brakes
Table lock controls	Full-length foot switch along table base
Table Bucky	Super speed
Bucky travel	51 cm (20,08")
Total center-to-center Radiographic coverage	161 cm (63,38")
Grid	40 lines/cm (103 l.p.i.)- 12:1 line ratio Focused at 100 cm (39,37")
Cassette sizes	All sizes from 18 to 43 cm (7,09" to 16,93") either orientation
Bucky table weight	160 kg

Six ways floating top table (additional features)

Table top to floor	Variable from 50 to 90 cm (19,68" to 35,43")
Table top up/down movement	Central foot switches along table base
Table Weight	298 kg

Wall Bucky

Standard type	Non-tilting Bucky
Bucky	Super speed
Vertical Bucky travel	150 cm (from 40 to 190 cm) (59,05" (from 15,75" to 74,8"))
Vertical movement	Manual, fully counterbalanced
Film center-to-floor minimum distance	40 cm (15,75")
Front top-to-film distance	44 mm (1,73")
Cassette sizes	All sizes from 18 to 43 cm (7,09" to 16,93") either orientation
Grid	40 lines/cm - 12:1 - line ratio Focused at 150 cm (59,05")
Bucky front Al. equivalence	< 0.8mm @ 100 kVp
Locks	electromagnetic brakes
Weight	145 kg

Optional Accessories

Hands support	
External cassette holder	35x43 cm; 30x90 to 30x120 cm (13,78"x16,93"; 11,81"x35,43" to 11,81"x47,24")
Lateral cassette holder	18x24 cm to 35x43 cm (7,09"x9,45" to 13,78"x16,93")
Head holder	
Compression band	
Hand grips	