

X-R Ceiling Standard

Technical Specifications

EXAMION®

X-Ray Systems · Digital Imaging · Service



Ceiling Stand	
Minimum focus-ceiling distance	830 mm
Vertical telescope travel range	1800 mm
Longitudinal travel range	3500 mm (optional: 5645 mm) Detent positions configurable during installation
Transverse travel range	2150 mm (optional: 3500 mm) Detent positions configurable during installation
Length of transverse track	3030 mm (optional: 4380 mm)
Tube rotation range, horizontal axis	-120° / +120° Detent positions at: -90°; 0°; +90°
Tube rotation range, vertical axis	-154° / +182° Detent positions at: -90°; 0°; +90°; +180°
Front touch user interface	SID Horizontal tube rotation angle
Ceiling Stand Configurations	
ACSS T	Vertical motorized tracking of a wall bucky table Electromagnetic brake for telescopic lift, transverse track 3 m long transverse track Vertical SID acquisition Integrated lock function, locks at any position along the ceiling track Telescope carriage with automatic stop at SID 115 cm
Elevating Table	
Tabletop width	80 cm (31.5")
Tabletop length	240 cm (94.5")
Table height (motorized adjustment)	54 cm to 93 cm ± 1.5 cm (21.3" to 36.6" ± 0.6")
Tabletop travel	Longitudinal: ± 48 cm (± 18.9"); Transverse: ± 14 cm (± 5.5")
Wall Stand	
Vertical movement WS TL/TR	34 cm to 173 cm (13.4" to 68.1") above floor (center to center)
Tilting Bucky	Tiltable from -20° to +90° with 0°/90° detent
Generator Polydoros RF 80 with 50 kW	
Power rating	60 kV: 1 mA to 640 mA 100 kV: 1 mA to 550 mA 125 kV: 1 mA to 443 mA 150 kV: 1 mA to 366 mA
Exposure voltage	From 40 kV to 150 kV
Maximum mAs	From 0.5 to 800 mAs graduated either in 33 fixed values of one or in 65 values of 1/2 exposure point
Max. mAS	60 kV: 800 mAs 100 kV: 560 mAs 125 kV: 444 mAs 150 kV: 373 mAs
Dimensions (L x W x H)	1020 mm x 570 mm x 542 mm (40.2" x 22.4" x 21.3")

Double focus x-ray tube SV 150/40/80C – 100	
Nominal powers	52 kW/103 kW for focal spots 0.6/1.0, respectively thermal anode reference power = 0 W, at 150 Hz
Heat storage capacities	600 kHU (anode) 2430 kHU (tube assembly) anode cooling rate 162 kHU/min
Voltage range	150 kV, 150/180 Hz
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