

X-DRS Ceiling Standard

Technical Specifications



Ceiling stand

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|---|---|
| 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° Stitching option: -140° / +140° 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 Generator control Stitching option: Stitching control |
| Motorized Movements | Vertical movement of the telescope Stitching option: Tube rotation, horizontal axis (only in stitching mode) Stitching option: Vertical movement of the wall stand (only in stitching mode) |
| Tracking | Tube follows bucky of the wallstand Tube follows table height Stitching option: Tube rotation and vertical movement at the wall stand are coordinated (only in stitching mode). |

Elevating Table

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|--|---|
| 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") |
| Patient weight | 280 kg in standard positions (patient in lying position or sitting in the middle of the table), 200 kg in other positions |

Wallstand

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|--------------------------|--|
| Vertical movement | 34 cm to 173 cm (13.4" to 68.1") above floor (center to center) Stitching option: 37 cm to 173 cm (14.6" to 68.1") above floor (center to center) |
| Tilting Bucky | Tiltable from -20° to +90° with 0°/90° detent |

Generator options

| Power rating | 55 kW | 65 kW | 80 kW |
|-------------------------------|---|-----------------|-----------------|
| mA range 60 kV | 1 mA to 640 mA | 1 mA to 1000 mA | 1 mA to 1000 mA |
| 100 kV | 1 mA to 550 mA | 1 mA to 650 mA | 1 mA to 800 mA |
| 125 kV | 1 mA to 443 mA | 1 mA to 524 mA | 1 mA to 645 mA |
| 150 kV | 1 mA to 366 mA | 1 mA to 433 mA | 1 mA to 533 mA |
| kV range | 40 kV to 150 kV | | |
| mAs range | 0.5 mAs to 800 mAs | | |
| Time range | 1 ms to 5 s (1-point/2-point technique), 20 ms to 5 s (3-point technique) | | |
| General features | Automatic Exposure Control (AEC), high speed starter | | |
| Dimensions (L x W x H) | 1020 x 570 x 542 mm | | |

Tube options

| Power rating | 34 kW/80 kW | 30 kW/50 kW | 40 kW/80 kW |
|------------------------------|------------------|-------------|-------------|
| Focal spot | 0.6/1.2 | 0.6/1.0 | 0.6/1.0 |
| Anode heat storage | 350 kHU | 600 kHU | 600 kHU |
| Tube voltage | 150 kV | | |
| Anode drive frequency | 150 Hz or 180 Hz | | |

Other Specifications

| | |
|---------------------|--|
| Collimator | LED, Laser line localizer, rotation from -45° to +45°, detent at 0° |
| DAP (option) | DAP-chamber integrated in the collimator |
| Warranty | Detector: 5 years warranty Other components: 1 year warranty Extended warranty on request. |

Detector

| Selectable Detectors | X-DR L WiFi | X-DR L WiFi Premium | X-DR XL WiFi | X-DR XL WiFi Premium |
|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Pixel Size | 150 µm | 100 µm | 139 µm | 100 µm |
| Pixel Matrix | 2,304 px x 2,800 px | 3,500 px x 4,300 px | 3,072 px x 3,072 px | 4,267 px x 4,276 px |
| Weight | 3.4 kg | 2.8 kg | 4.6 kg | 3.4 kg |
| Protection Class | IPX1 | IP56 | IPX1 | IP56 |
| Uniform Load | 150 kg | 300 kg | 100 kg | 300 kg |
| Local Load | 100 kg (4 cm diameter) | 150 kg (4 cm diameter) | 100 kg (4 cm diameter) | 150 kg (4 cm diameter) |

Software

Configurations

EXAMION X-AQS DICOM Modality SCU

- DICOM Worklist SCU
- DICOM Store SCU

EXAMION X-AQS PACS

- Integrated Mini-PACS