



dimensions in millimetres (dimensions in inches)

TECHNICAL DATA

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| Patient position | Supine |
| Positioning | 3 laser guides - Table-side console (right/left) with joystick Virtual console on workstation – Automatic tracking system |
| Table movement | Servo-assisted by 3 motors (x-y-z) |
| X-ray beam | Conical, variable-field (H.R. Zoom) |
| X-ray source | 90 kVp, 10 mA (max), pulsed emission |
| Total filtration | 11.4 mm Al equivalent |
| Focal spot | 0.5 – 0.6 mm (IEC standard) |
| Image detector | High Resolution Image Intensifier - digital CCD sensor 1000x1000 - pixel 7.4µm |
| Grey levels | 4096 (12 bit) |
| Spherical reconstruction volume (FOV) | Ø15 cm (9" detector) - Ø11 cm (6" detector) - Ø7 cm (H.R. Zoom 4") |
| Scan mode | Short scan: 190° - Full scan: 360° |
| Rotation rate | 2 rpm (12°/s) – 3 rpm (18°/s) |
| Scan time | 10, 15, 20, 30 seconds (standard mode 15 s) |
| Estimated effective dose | 37µSv standard – from 24 µSv to 71 µSv (ICRP 2007) according to exam and field of view |
| Standard irradiation time | 6.88 seconds |
| Isotropic voxel dimensions | 0.33 mm (FOV Ø15cm) - 0.23 mm (FOV Ø11cm) - 0.17 mm (FOV Ø 7cm) |
| Thickness of axial tomography sections | starting from 0.05 mm |
| Post-processing and preview time | 2 min (only once at end of X-ray acquisition) |
| Reconstruction time | 1.5 - 3 min |
| Overall SkyView dimensions | Width: 1450 mm (6" detector) – 1535 mm (9" detector) Length: 2510 mm Height: 1680 mm (6" detector) – 1720 mm (9" detector) |
| Weight | 360 kg |
| Power supply | USA and Canada 115V AC 50/60 International 230V AC 50/60 |
| Class | Electro-medical equipment - Class IIb (CCE 93/42, annex IX) |
| Certification | CE 0051, cCSAus, FDA approved |