

COMPARISON CHART | Siemens Computed Tomography (CT) Systems



N/A = Not applicable N/S = Not specified

ADVERTISEMENT

Product	SOMATOM Force	SOMATOM Definition Flash	SOMATOM Definition Edge	SOMATOM Definition AS / AS+	SOMATOM Perspective 128	SOMATOM Perspective 64	SOMATOM Perspective 32	SOMATOM Perspective 16	SOMATOM Scope (Power configuration)	SOMATOM Scope	
FDA cleared, year / CE mark, year	2014	2009	2012	2008	2012	2012	2012	2014	2014	2014	
What are the key differentiators of your system	Dual-source CT. VECTRON tube delivers unparalleled generator power at low kV levels, meaning low kV approaches can be used for more patients – enabling lower dose and potential to reduce contrast media (early clinical experience based on imaging of the left ventricle and aortic root, TAVI studies, demonstrated that a reduction of contrast media administration may be possible using SOMATOM Force's Turbo Flash Mode and its low kV/high mA capabilities) "free breathing" CT to accommodate the most challenging patients; high temporal resolution of 25 ms through the entire image means cardiac imaging can be obtained in a quarter of a heartbeat without artificial post processing	Dual-source CT. Fast acquisition speed with Flash mode, pitch of 3.4 – 4.56 mm/sec acquisition speed, enables breath hold imaging optional and also may help reduce the need for pediatric sedation (the native temporal resolution acquired by the scanner is highly important to freeze patient motion, e.g. in lung exams or in patients who cannot hold their breath long enough. This is also important, in pediatric CT where it also can help reducing the need for potentially harmful sedation). CARE KV for low kV imaging in the clinical routine. Large 78 cm bore, table capacity up to 676 lbs. ADMIRE model-based iterative reconstruction	Solar Detector, high pitch acquisition (up to 23 cm/s), CARE KV for routine low kV imaging, large 78 cm bore, 100 kW generator, table capacity up to 676 lbs, TwinBeam Dual Energy for dose optimized dual energy, and IMAR metal artifact reduction, ADMIRE	High pitch acquisition (up to 19 cm/s), CARE KV for routine low kV imaging, large 78 cm bore, 100 kW generator, table capacity up to 676 lbs, TwinBeam Dual Energy for dose optimized dual energy, IMAR for metal artifact reduction	Most economical scanner of its class thanks to eCockpit features, SAFIRE, illumination moodlighting, dual spiral dual energy, IMAR* metal artifact reduction, cardiac imaging capabilities (most economical cardiac scanner)	Most economical scanner of its class thanks to eCockpit features, SAFIRE, illumination moodlighting, dual spiral dual energy, IMAR* metal artifact reduction, cardiac imaging capabilities (most economical cardiac scanner)	Most economical scanner of its class thanks to eCockpit features, SAFIRE, illumination moodlighting, dual spiral dual energy, IMAR* metal artifact reduction, cardiac imaging capabilities (most economical cardiac scanner)	Generator power, mood lighting, dual spiral dual energy, most economical scanner of its class thanks to eCockpit features, SAFIRE, IMAR* metal artifact reduction	Generator power, mood lighting, dual spiral dual energy, most economical scanner of its class thanks to eCockpit features, SAFIRE, IMAR* metal artifact reduction	Low total cost of ownership, IMAR* metal artifact reduction, dual-spiral dual energy*, upgradable to 23 slices*, SAFIRE*, small compact size, robust workhorse, ideal for all routine studies	Low total cost of ownership, IMAR* metal artifact reduction, dual-spiral dual energy*, upgradable to 23 slices*, SAFIRE*, small compact size, robust workhorse, ideal for all routine studies
GANTRY											
Geometry	Slip Ring	Slip Ring	Slip Ring	Slip Ring	Slip Ring	Slip Ring	Slip Ring	Slip Ring	Slip Ring	Slip Ring	
Detectors, type	2 x Multislice StellarInfinity	2 x Multislice Stellar detector	Multislice integrated Stellar detector	Multislice UFC (Ultra Fast Ceramic) field upgradable to integrated Stellar detector	Multislice UFC (Ultra Fast Ceramic)	Multislice UFC (Ultra Fast Ceramic)	Multislice UFC (Ultra Fast Ceramic)	Multislice UFC (Ultra Fast Ceramic)	Multislice UFC (Ultra Fast Ceramic)	Multislice UFC (Ultra Fast Ceramic)	
No. of rows	192 (2 x 96)	128 (2 x 64)	64 w/128 channels	AS20, AS40, AS64 slice configuration: 32 w/64 channels, AS+ 128 slice configuration: 64 w/128 channels	64	64	24	24	24	Adaptive 24-row	
Detector width, mm	52.5	38.4	38.4	19.2	38.4	38.4	19.2	19.2	19.2	19.2	
Reconstructed slice width options, mm	0.4 (optional), 0.5, 0.6 – 20 (20 mm using dynamic multiscan)	0.4 (optional), with z-UHRl, 0.5, 0.6, 0.75, 1, 1.5, 2, 3, 4, 5, 6, 7, 8, 10	0.4 (optional), with z-UHRl, 0.5, 0.6, 0.75, 1, 1.5, 2, 3, 4, 5, 6, 7, 8, 10	0.4 and 0.5 (optional z-UHRl), 0.6, 0.75, 1, 1.5, 2, 3, 4, 5, 6, 7, 8, 10	0.6, 0.75, 1, 1.2, 1.5, 2, 2.4, 3, 4, 4.8, 5, 6, 7, 8, 9, 10, 15, 20	0.6, 0.75, 1, 1.2, 1.5, 2, 2.4, 3, 4, 4.8, 5, 6, 7, 8, 9, 10, 15, 20	0.6, 0.75, 1, 1.2, 1.5, 2, 2.4, 3, 4, 4.8, 5, 6, 7, 8, 9, 10, 15, 20	0.6, 0.75, 1, 1.2, 1.5, 2, 2.4, 3, 4, 4.8, 5, 6, 7, 8, 9, 10, 15, 20	0.6, 0.75, 1, 1.2, 1.5, 2, 2.4, 3, 4, 4.8, 5, 6, 7, 8, 9, 10, 16, 19.2 mm; spiral: 0.6, 1.2, 2.4, 3.6, 5, 8, 9.6, 10, 16, 19.2	Sequential: 0.6, 1.2, 2.4, 3.6, 4.8, 5, 8, 9.6, 10, 16, 19.2 mm; spiral: 0.6, 1.2, 2.4, 3.6, 5, 8, 9.6, 10, 16, 19.2	
Elements per row	1,560	1,216	736	736	736	736	736	736	736	736	
No. of detection elements	149,760 (88,230 system A; 61,440 system B)	77,824 (47,104 system A; 30,720 system B)	47,104	47,104	47,104	47,104	17,664	17,664	17,664	17,664	
Rotation times, sec., 360 degrees	0.25 (optional), 0.285, 0.325 (optional), 0.5, 1 s rotation time	0.28 (optional), 0.33, 0.5, 1	0.28 (optional), 0.33, 0.5, 1 s	0.30 (optional), 0.33, 0.5, 1	0.30 (optional), 0.33, 0.5, 1	0.30 (optional), 0.33, 0.5, 1	0.39 (optional with film in cardiac mode), 0.48 (requires syngo HeartView CT), 0.6, 1, 1.5	0.39 (optional with film in cardiac mode), 0.48 (requires syngo HeartView CT), 0.6, 1, 1.5	0.39 (optional with film in cardiac mode), 0.48 (requires syngo HeartView CT), 0.6, 1, 1.5	0.5 (optional syngo HeartView CT), 0.6, 1, 1.5	
Partial	0.18 (optional), 0.21, 0.36, 0.72 s	0.2, 0.24, 0.36, 0.72	0.21, 0.24, 0.36, 0.72	0.22 (optional), 0.24, 0.36, 0.72	0.41	0.41	0.41	0.41	0.41	0.41	
X-ray fan beam angle, degrees	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Gantry tilt, degrees	Tilttable headholder	Tilttable headholder	±30	±30	±30	±30	±30	±30	±30	±30	
Gantry dimensions, H x W x D, cm	199 x 118 x 240	198 x 117 x 231	198 x 238 x 93	198 x 238 x 93	190 x 69 x 230	190 x 69 x 230	190 x 69 x 230	190 x 69 x 230	180 x 69 x 230	180 x 69 x 230	
Gantry weight, kg	2,800	2,600	2,250	2,250	1,200	1,200	1,200	1,200	1,300	1,300	
Gantry aperture, cm	78	78	78	78	70	70	70	70	70	70	
Scan localizer	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	
X-RAY TUBE											
X-ray tube anode	2 x VECTRON	2 x STRATON MX.P	STRATON MX.P	STRATON MX.P	DURA 688 MV	DURA 688 MV	DURA 688 MV	DURA 688 MV	DURA 422 MV	DURA 202 MV	
Heat storage, HU	30 MHU (equivalent value compared to the performance of a conventional tube)	0 MHU (0.6 MHU capacity combined with 7.3 MHU/min (5,400 kJ/min) cooling rate is comparable to the performance of a conventional tube with approximately 50 MHU (37,000 kJ) anode heat storage capacity)	0 MHU (0.6 MHU capacity combined with 7.3 MHU/min (5,400 kJ/min) cooling rate is comparable to the performance of a conventional tube with approximately 50 MHU (37,000 kJ) anode heat storage capacity)	0 MHU (0.6 MHU capacity combined with 7.3 MHU/min (5,400 kJ/min) cooling rate is comparable to the performance of a conventional tube with approximately 50 MHU (37,000 kJ) anode heat storage capacity)	6 MHU	6 MHU	6 MHU	6 MHU	6 MHU	6 MHU	
Disipation rate, HU/min	Specially designed, integrated, rapid anode cooling; max cooling rate of 2.7 MHU/min. VECTRON tube exceeds the performance of a conventional 30 MHU tube, where stored heat is dissipated only by thermal radiation from the anode system	7.3 MHU/min	7.3 MHU/min	7.3 MHU/min	810 KHU/min – Max. anode cooling rate	810 KHU/min	810 KHU/min	810 KHU/min	810 KHU/min	810 KHU/min	
Tube cooling	Water/water (optional split cooling water/air)	Water/water (optional split cooling water/air)	Optional split cooling water/air	Optional split cooling water/air	Air/air	Air/air	Air/air	Air/air	Air/air	Air/air	
Tube focal spot, mm	0.4 x 0.5 mm / 7", 0.6 x 0.7 mm / 8", 0.8 x 1.1 mm / 8"	0.7 x 0.7 mm / 7", 0.9 x 1.1 mm / 7"	0.7 x 0.7 mm / 7", 0.9 x 1.1 mm / 7"	0.7 x 0.7 mm / 7", 0.9 x 1.1 mm / 7"	0.8 x 0.5 mm / 7", 0.8 x 0.7 mm / 7"	0.8 x 0.5 mm / 7", 0.8 x 0.7 mm / 7"	0.8 x 0.5 mm / 7", 0.8 x 0.7 mm / 7"	0.8 x 0.5 mm / 7", 0.8 x 0.7 mm / 7"	0.8 x 0.5 mm / 7", 0.8 x 0.7 mm / 7"	0.8 x 0.5 mm / 7", 0.8 x 0.7 mm / 7"	
Optional X-ray tubes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
X-RAY GENERATOR											
kW output	240 kW (2 x 120 kW)	200 (2 x 100)	100	80 (100 optional)	112 max. equivalent generator power with SAFIRE	112 max. equivalent generator power with SAFIRE	112 max. equivalent generator power with SAFIRE	112 max. equivalent generator power with SAFIRE	50 kW	26 kW	
kVp range	70 – 150 kV, in increments of 10	70, 80, 90, 100, 120, 140	70, 80, 90, 100, 120, 140	70, 80, 100, 120, 140	80, 110, 130	80, 110, 130	80, 110, 130	80, 110, 130	80, 110, 130	80, 110, 130	
mA range	Single source 20 – 1,300 mA, Dual Source 40 – 1,600	20 – 800	20 – 800	20 – 666 (optional 800)	20 – 345	20 – 345	20 – 345	20 – 345	25 – 345	25 – 180	
SPIRAL SCANNING											
Max scan time, sec	80	80	160	160	100	100	100	100	100	100	
Max scan volume, cm	195	197	200	200	150	150	150	150	160	160	
Spatial resolution, lp/cm	32	30	30	30	17.5	17.5	17.5	17.5	17.5	17.5	
Pitch	0.35 (Standard Spiral) – 3.2 (Turbo Flash Spiral), 0.15 (Cardio Spiral) – 3.2 (Turbo Flash Spiral), (optional ECG-triggered Turbo Flash Spiral) Down to 0.2 (optional UHR) down to 0.15 (optional syngo HeartView Flash)	0.35 – 3.2 up to 3.4 (optional ECG-triggered Flash Spiral) down to 0.3 (optional z-UHR) down to 0.11 (optional syngo HeartView Flash) down to 0.09 (optional Respiratory Gating and Triggering CT)	0.35 – 3.2 up to 3.4 (optional ECG-triggered Flash Spiral) down to 0.3 (optional z-UHR) down to 0.11 (optional syngo HeartView Flash) down to 0.09 (optional Respiratory Gating and Triggering CT)	0.35 – 3.2 up to 3.4 (optional ECG-triggered Flash Spiral) down to 0.3 (optional z-UHR) down to 0.11 (optional syngo HeartView Flash) down to 0.09 (optional Respiratory Gating and Triggering CT)	0.35 – 1.7, down to 0.15 (optional syngo HeartView CT), down to 0.09 (optional Respiratory Gating and Triggering CT)	0.35 – 1.5, 0.2, 0.27 (Cardio Scan)	0.35 – 1.5, 0.2, 0.27 (Cardio Scan)	0.35 – 1.5, 0.2, 0.27 (Cardio Scan)	0.35 – 1.5, 0.2, 0.27 (Cardio Scan)	0.4 – 2	0.4 – 2
Reconstruction time per image, sec	Up to 60 fps with weighted filtered 3-D back projection and diagonal z-Sharp technology at full image quality; up to 20 fps with WFBP and iterative reconstruction with diagonal z-Sharp technology at full image quality	Up to 50 fps with weighted filtered 3-D back projection and z-Sharp technology at full image quality; up to 20 fps with WFBP and iterative reconstruction with z-Sharp technology at full image quality	Up to 50 fps with weighted filtered 3-D back projection and z-Sharp technology at full image quality; up to 20 fps with WFBP and iterative reconstruction with z-Sharp technology at full image quality	Up to 60 fps (FBP with FAST IRS); Up to 20 fps (SAFIRE with FAST IRS)	Up to 20 images / sec; 15 Images with SAFIRE	Up to 20 images / sec; 15 Images with SAFIRE	Up to 20 images / sec; 15 Images with SAFIRE	Up to 20 images / sec; 15 Images with SAFIRE	Up to 16 images/second (optional)	Up to 12 images/second (optional)	
PATIENT TABLE											
Range of movement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Vertical, cm	49- 92	48- 92 (Standard), 55-92 (optional Multi Purpose Table)	48- 92	49- 92	50-83	50-83	50-83	50-83	45- 83	45- 83	
Longitudinal, cm	200	200	200	200	160	160	160	160	160	160	
Scannable range, cm	200	200	200	200	160	160	160	160	160	160	
Max load capacity with accuracy, kg	500 lbs (676 lbs optional)	500 lbs (676 lbs optional)	500 lbs (676 lbs optional)	500 lbs (676 lbs optional)	456 lbs (500 lbs optional*)	456 lbs (500 lbs optional*)	456 lbs (500 lbs optional*)	456 lbs (500 lbs optional*)	441 lbs	441 lbs	
IMAGE RECONSTRUCTION											
Computer CPU	Image control system, image reconstruction system	Image control system, image reconstruction system	Image control system, image reconstruction system	Image control system, image reconstruction system	Image control system, image reconstruction system	Image control system, image reconstruction system	Image control system, image reconstruction system	Image control system, image reconstruction system	Image control system, image reconstruction system	Image control system, image reconstruction system	
Scan FOVs, cm	50 (optional) HD FoV 65, optional extended FoV 78)	50 (optional) HD FoV 65, optional extended FoV 78)	50 (optional) HD FoV 65, optional extended FoV 78)	50 (optional) HD FoV 65, optional extended FoV 78)	50 cm, 70 cm optional extended FoV	50 cm, 70 cm optional extended FoV	50 cm, 70 cm optional extended FoV	50 cm, 70 cm optional extended FoV	50 cm, 70 cm optional extended FoV	50 cm, 70 cm optional extended FoV	
Reconstruction matrices	512 x 512	512 x 512	512 x 512	512 x 512	512 x 512	512 x 512	512 x 512	512 x 512	512 x 512	512 x 512	
Reconstruction time, sec	Up to 60 fps with weighted filtered 3-D back projection (WFBP) and diagonal z-Sharp technology at full image quality; Up to 20 fps with WFBP and iterative reconstruction with diagonal z-Sharp technology at full image quality	Up to 50 fps with weighted filtered 3-D back projection (WFBP) and z-Sharp technology at full image quality; Up to 20 fps with WFBP and iterative reconstruction with z-Sharp technology at full image quality	Up to 50 fps with weighted filtered 3-D back projection (WFBP) and z-Sharp technology at full image quality; Up to 20 fps with WFBP and iterative reconstruction with z-Sharp technology at full image quality	Recon time for filtered back projection up to 60 fps (with FAST IRS), recon time for SAFIRE Iterative Reconstruction up to 20 fps (with FAST IRS)	Up to 20 images /s, up to 15 images/s with SAFIRE	Up to 20 images /s, up to 15 images/s with SAFIRE	Up to 20 images /s, up to 15 images/s with SAFIRE	Up to 20 images /s, up to 15 images/s with SAFIRE	Up to 16 images/s (optional)	Up to 12 images/s (optional)	
Per slice, sec	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
For localization scan, sec	Real-time	Real-time	Real-time	Real-time	Real-time	Real-time	Real-time	Real-time	Real-time	Real-time	
DISPLAY											
Monitor size	19 inch flat screen	19 inch flat screen	19 inch flat screen	19 inch flat screen	19 inch flat screen	19 inch flat screen	19 inch flat screen	19 inch flat screen	19 inch flat screen	19 inch flat screen	
Matrices, pixels	1,280 x 1,024 max.	1,280 x 1,024 max.	1,280 x 1,024 max.	1,280 x 1,024 max.	1,280 x 1,024 max.	1,280 x 1,024 max.	1,280 x 1,024 max.	1,280 x 1,024 max.	1,280 x 1,024 max.	1,280 x 1,024 max.	
Range of CT numbers	-1,024 to +3,071 (extended -10,240 to +30,710)	-1,024 to +3,071 (extended -10,240 to +30,710)	-1,024 to +3,071 (extended -10,240 to +30,710)	-1,024 to +3,071 (extended -10,240 to +30,710)	-1,024 to +3,071 (extended -10,240 to +30,710)	-1,024 to +3,071 (extended -10,240 to +30,710)	-1,024 to +3,071 (extended -10,240 to +30,710)	-1,024 to +3,071 (extended -10,240 to +30,710)	-1,024 to +3,071 (extended -10,240 to +30,710)	-1,024 to +3,071 (extended -10,240 to +30,710)	
Image enlargement	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Max no. of slices displayed at once	64	64	64	64	64	64	64	64	64	64	
IMAGE STORAGE											
Hard disk, MB	2.7 TB (4 TB optional)	3.8 TB	3.8 TB	3.8 TB	828 GB	828 GB	828 GB	828 GB	683 GB	683 GB	
No. online images	520,000 uncompressed	260,000 uncompressed	260,000 uncompressed	260,000 uncompressed	750,000 uncompressed	750,000 uncompressed	750,000 uncompressed	750,000 uncompressed	Up to 1,000,000	Up to 1,000,000	
Archival storage	CD / DVD-ROM	CD / DVD-ROM	CD / DVD-ROM	CD / DVD-ROM	CD / DVD-ROM	CD / DVD-ROM	CD / DVD-ROM	CD / DVD-ROM	CD / DVD-ROM	CD / DVD-ROM	
RADIATION DOSE											
Dose-modulation technique	Adaptive Dose Shield, CARE Filter, CARE Bolus CT, CARE Topo, CARE Dose4D, CARE KV, CARE Child – Pediatric Protocols, CARE Profile, CARE Dashboard, SAFIRE, Optional: ADMIRE, Adaptive ECG-Pulsing™ (included in syngo HeartView Flash) CARE Contrast III, X-CARE	Adaptive 4D Spiral, CARE Filter, CARE Bolus CT, CARE Topo, CARE Dose4D, CARE KV, CARE Child – Pediatric Protocols, CARE Profile, CARE Dashboard, optional: SAFIRE, Flash Spiral Cardio, Flash Cardio Sequence and Adaptive ECG-Pulsing™ (Included in syngo HeartView Flash), Selective Photon Shield, CARE Contrast III, X-CARE	Adaptive Dose Shield, CARE Filter, CARE Bolus CT, CARE Topo, CARE Dose4D, CARE KV, CARE Child – Pediatric Protocols, CARE Profile, CARE Dashboard, CARE Contrast III, optional: X-CARE	Adaptive Dose Shield, CARE Filter, CARE Bolus CT, CARE Topo, CARE Dose4D, CARE KV, CARE Child – Pediatric Protocols, CARE Profile, CARE Dashboard, CARE Contrast III, optional: X-CARE	Adaptive Dose Shield, CARE Dose4D™, CARE Filter, CARE Bolus CT, CARE Topo, CARE KV, CARE Child – Pediatric Protocols, CARE Profile, CARE Dashboard, optional: SAFIRE, X-CARE, CARE Contrast III with HandCARE™	CARE Filter, CARE Topo, CARE Dose4D™, CARE Dose Configurator, CARE Bolus CT, SAFIRE Optional: CARE Contrast CT, CARE Vision CT with HandCARE™	CARE Filter, CARE Topo, CARE Dose4D™, CARE Dose Configurator, CARE Bolus CT, SAFIRE Optional: CARE Contrast CT, CARE Vision CT with HandCARE™	CARE Filter, CARE Topo, CARE Dose4D™, CARE Dose Configurator, CARE Bolus CT, SAFIRE Optional: CARE Contrast CT, CARE Vision CT with HandCARE™	CARE Filter, CARE Topo, CARE Dose4D™, CARE Dose Configurator, CARE Bolus CT, SAFIRE Optional: CARE Contrast CT, CARE Vision CT with HandCARE™	IRS, CARE Bolus CT, CARE Dose4D, CARE Dose Configurator, Optional: CARE Contrast CT, ECG-pulsing	IRS, CARE Bolus CT, CARE Dose4D, CARE Dose Configurator, Optional: CARE Contrast CT
Pediatric-specific dose control	CARE Child (70 kV) pediatric protocols, adaptive dose shield, SAFIRE, ADMIRE	CARE Child (70 kV) pediatric protocols, adaptive dose shield, SAFIRE	CARE Child (70 kV) pediatric protocols, adaptive dose shield, SAFIRE	CARE Child (70 kV) pediatric protocols, adaptive dose shield, SAFIRE	Pediatric protocols, SAFIRE	Pediatric protocols, SAFIRE	Pediatric protocols, SAFIRE	Pediatric protocols, SAFIRE	Pediatric protocols	Pediatric protocols	
Prospective ECG gating	syngo HeartView Force (optional)	syngo HeartView Flash (optional)	syngo HeartView Flash (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	
Retrospective ECG	syngo HeartView Force (optional)	syngo HeartView Flash (optional)	syngo HeartView Flash (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	
Low-dose cardiac (axial acquisition)	syngo HeartView Force (optional)	syngo HeartView Flash (optional)	syngo HeartView Flash (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	syngo HeartView CT (optional)	
PERFORMANCE											
Min. interscan time, sec	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Dynamic scan rate	0.28, 0.25 optional	0.33, 0.30 optional, field upgradable to 0.28	0.33, 0.30 optional, field upgradable to 0.28	0.33, 0.30 optional, field upgradable to 0.28	0.48, 0.39 equivalent in cardiac mode	0.48, 0.39 equivalent in cardiac mode	0.48				