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Recognizing and Minimizing Artifacts at Dual-Energy CT
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Page 511, Table 1: The z-axis coverage values for the Canon Healthcare and Philips Healthcare scanners were incorrect. Table 1 is reprinted correctly here.

Table 1: Technical Information Pertinent to Current Commercially Available DECT Platforms

	Source-based Techniques							Detector-based Technique
Parameter	Dual-Source DECT			Split-Filter DECT	Rapid kVp Switching DECT		Sequential Scan DECT	Dual-Layer DECT
Vendor	Siemens Healthineers			Siemens Healthineers	GE Healthcare		Canon Healthcare*	Philips Healthcare
Generation	First	Second	Third	First	First	Second	First	First
Scanner name	Somatom Definition	Somatom Flash	Somatom Force	Somatom Edge	Discovery 750HD	Revolution	Aquilon One	IQon Spectral
Number of x-ray sources	Two	Two	Two	One	One	One	One	One
Number of detector arrays	Two	Two	Two	One	One	One	One	One, layered
Peak tube voltage† (kVp)	80/140	80, 100/140 Sn	70, 80, 90, 100/150 Sn	120 Au Sn	80/140	80/140	80/135	120, 140
Maximum tube current (mA)	500/571	650, 650/714	1300, 1300, 1300, 1200/800	800	630	570‡	580	1000, 750
Tube current modulation	Yes	Yes	Yes	Yes	No	No	Yes	Yes
Focal spot size (mm)	0.8 × 0.9	0.9 × 1.1	0.8 × 1.1	0.9 × 1.1	1.0 × 0.7	1.0 × 0.7	0.4 × 0.5	0.6 × 0.7
Field of view (cm)	26	33	35.5	50	50	50	50	50
Z-axis coverage (mm)	19.2	38.4	57.6	38.4	40	40–80	40–160	40
Pitch	0.2–1.2	0.2–1.2	0.3–1.2	0.25–0.45	0.5–1.375	0.5–1.5§	Up to 1.5	0.1–1.8
Fastest rotation time (sec)	0.33	0.28	0.25	0.28	0.5	0.5	0.27	0.27
Temporal offset (msec)	83	75	66	310–560	0.25	0.25	More than one scan time	None

Note.—All listed parameters reflect the options available for DECT acquisition only. Au = gold filter at the x-ray output, Sn = tin filter at the x-ray output.
*Vendor formerly Toshiba Medical Systems.
†For dual-source DECT, the slash (/) separates the peak tube voltage for low-kVp and high-kVp tubes.
‡This limit is 900 mA on the Revolution Apex scanner.
§The maximum value is dependent on the collimation (ie, the z-axis coverage).