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	Rotation time per 360°	0.27 - 0.35 s
	Slice width	0.5 - 0.6 mm
201	Simultaneously scanned slices	64 (- 320)
100	z-coverage per rotation	40 - 160 mm
	Scan times "whole body"	2 - 20 s
	Scan range	>1000 mm
0 00	Isotropic spatial resolution	0.4 - 0.6 mm
	Effective dose	<1 - 10 mSv
	Typical values for high-performance scanners	1
	\leftarrow 28 s scan time at 0.4 mm isotropic resolution	á MP













	Primary spectrum (no absorber)			
Detector material	CdTe		GOS	
Tube voltage	60 kV	120 kV	60 kV	120 kV
Thickness 1.00 mm	99.9	91.3	96.8	86.3
1.40 mm	100.0	95.2	98.9	93.1

















Kalender WA, Althoff F. Patent application 2010







Expectations for high-res. breast CT Good detectability of microcalcifications of 100-150 μm diameter, soft tissue lesions of 2 mm diameter, at an AGD of 2 to 4 mGy ! Dynamic contrast-enhanced scanning for improved analysis of differential uptake. A "one-stop shopping" modality for complete diagnostic workup on one device. System tests in the second half of 2013, clinical tests starting late 2013 / early 2014.

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