



Technology and Data – SOMATOM Emotion Product Matrix

	SOMATOM Emotion	SOMATOM Emotion Duo	SOMATOM Emotion 6
Basic Configuration	1.0 s rotation, 80 s spiral, 26 kW generator, 2.0 MHU tube	1.0 s rotation, 80 s spiral, 26 kW generator, 2.0 MHU tube	0.8 s rotation, 100 s spiral, 40 kW generator, 5.0 MHU tube
800 ms rotation (0.8 s)	○	○	●
600 ms rotation (0.6 s)			○
Extended spiral (100 s)	○	○	●
Power generator (40 kW)	○	○	●
Power generator (50 kW)			○
Power tube (3.5 MHU)	○	○	
Power tube (5.0 MHU)			●
Single Slice UFC Detector	●		
Multislice UFC Detector		● (2 slices)	● (6 slices)
SOMATOM WorkStream with Navigator console	●	●	●
SOMATOM WorkStream with Navigator + Wizard consoles	○	○	○
High resolution package (sub-millimeter)			○
3D Applications			
Real-time MPR	●	●	●
syngo 3D SSD	●	●	●
Volume measurements	●	●	●
syngo VRT	○	○	○
syngo InSpace Viewer (only with Wizard console)			○
Routine Applications			
CT-Angiography	●	●	●
syngo Dental CT	○	○	○
syngo Osteo CT	○	○	○
syngo Pulmo CT	○	○	○
syngo Perfusion CT	○	○	○
syngo Fusion	○	○	○
CARE Applications			
CARE Bolus CT	○	○	○
CARE Dose	●	●	●
CARE Vision CT with HandCARE™	○	○	○*
Advanced Applications			
syngo Fly Through	○	○	○
syngo LungCARE CT (only with Wizard console)	○**	○	○
syngo Colonography (only with Wizard console)		○*	○*
Cardiovascular Applications			
HeartView CT (prospective trigger)		○**	○
HeartView CT (prospective trigger + retrospective gating)			○***
syngo Calcium Scoring		○**	○
syngo Vessel View (only with Wizard console)	○	○	○
syngo Argus (only with Wizard console)			○***

● standard feature

○ optional feature

○* optional feature, available beginning June 2003

○** optional feature, can only be ordered if 0.8 s rotation is available

○*** optional feature, can only be ordered if 0.6 s rotation is available