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The SOMATOM Emotion 16 takes everyday CT to a higher level. Obtain top quality images with minimal life-cycle cost. SOMATOM Emotion demonstrates innovative and technological leadership, customer satisfaction, and investment protection. If you are looking for a scanner that is optimized for minimal life-cycle costs that will reliably perform routine and advanced applications like CT Colonography, long-range vascular CT, and ECG-gated imaging of the heart, the SOMATOM Emotion is the answer.

SOMATOM Emotion: efficiency in CT – every day.

Efficiency in CT

0.6 s rotation time

Multislice UFC™ (Ultra Fast Ceramic) Detector

5.0 MHU liquid bearing X-ray tube

50 kW generator

CT patient table (200 kg/440 lbs table load)

70 cm aperture
50 cm scan field
Max. number of slices/rotation - 16
Number of physical detector rows - 24
Number of physical detector - 736 channels/slice
Number of detector elements - 17,664
Total channels per slice - 1,472
Number of projections up to 1,250 (1/360°)
Small diagnostic detail for acquisition of sub-mm lung in one breath-hold
Wide range of clinical applications tailored to your needs
Reconstruction on-the-fly with up to 16 images/second
Smallest focal spot size of down to 0.5 x 0.8 mm for sharp images
Warranty equivalent to new systems: 12 months
Flexible service contracts & customized financing solutions available

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