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Proven Excellence SOMATOM Emotion Duo

Twice the powerful performance

**800ms rotation
50 slices in 20s breathhold
100 s spiral time
15.5 lp/cm spatial resolution
Contrast detectability:
With 16 cm CATPHAN:
3mm/3HU/19.7mGy/100mAs
with 20 cm CATPHAN:
5mm/3HU/15.8mGy/90mAs**

1s image reconstruction time
40 kW generator
3.5 MHU tube
CARE DOSE & CARE BOLUS
***syngo*® available**
Warranty equivalent to new systems: 12 months
Flexible service contracts & customized financing solutions available

Twice the powerful performance

The SOMATOM Emotion Duo gives you subsecond scanning, a wide range of clinical applications, and cost-effectiveness with twice the powerful performance as compared to single slice CTs through its Lightning UFC dual-detector technology. The SOMATOM Emotion Duo lets you scan your anatomical volumes of interest with thinner slices for superior reformatted images, higher mAs for improved image quality, and with less stress to your X-ray tubes as compared with single-slice CTs.

Emotion Duo combines technical advances such as the Lightning UFC detector for 30% less dose, CARE solutions for reduced user and patient exposure, the *syngo* user interface for a standardized user platform for all Siemens medical modalities and a wide range of cutting-edge clinical applications. All this in a compact and highly affordable package, amortized with only a few patients per day. With the SOMATOM Emotion Duo, small is beautiful. And its upgradeability makes the future work for you.

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