



i-CAT Specs

X-ray Source: High Frequency, Constant Potential, fixed anode 120 kVp, 3-8 mA (Pulse mode).

X-ray Beam: Cone

Focal Spot: 0.5mm

Image Detector: Amorphous Silicon Flat Panel, 20 cm x 25 cm

Gray Scale: 14 bit

Voxel Size: 0.4 mm (typical), 0.2 mm (minimum)

Image Acquisition: Single 360 degree rotation

Scan Time: 20 second standard (options of 10, 20, 40)

Patient Position: Seated

Scan Dimensions: 16 cm (diameter) x 13 cm (height)
 Optional Extended Field of View: 16 cm (diameter) x 22 cm (height)

Primary Reconstruction: 1 minute for standard 20 second scan

Secondary Reconstruction: Real Time