

i-CAT[®] Quick Scan



Low Dose Scan for Orthodontics

Capture initial orthodontic workups and progress scans with lower dose in just **4.8 seconds**.



Maximize Clinical and Dose Control

Capture information critical to treatment through a clinically responsible approach that controls radiation exposure to the patient.

i-CAT[®]'s adaptable settings allow you to select customized fields of view for broader or targeted areas of interest.

Use the lower dose 4.8 second scan in orthodontics to capture dramatically more information in detailed 3D images while managing radiation dose.

Clinically Driven Image and Exposure Control



FOV 8 cm x 8 cm



FOV 16 cm x 4 cm



FOV 16 cm x 6 cm upper jaw TMJ



FOV 16 cm x 6 cm lower jaw



FOV 16 cm x 8 cm



FOV 16 cm x 10 cm



FOV 16 cm x 11 cm



FOV 16 cm x 13 cm



FOV 23 cm x 17 cm

Choose to customize the scan so patients' anatomy is not exposed outside the selected field of view.

Why i-CAT®

Consistently impressive image quality is delivered through **proprietary tools** that create high definition, low dose scans quickly and easily every time.

Quantum iQ™ patented image processing technology provides smooth views of soft tissue and **crisp visualization** of hard tissue and bone structures for maximum detail and contrast.

Quick Scan speeds scanning time to just 4.8 seconds, producing high volume images quickly with **lower dose** to the patient.

Tru-Pan™ is the industry's only, **patented one-click volumetric pan** that instantly yields precise and true panoramic views from 3D scans with optimal speed and accuracy.

i-PAN™ makes i-CAT® a two-in-one system with a unique **patented** function that captures **traditional 2D panoramic** images without having to invest in two separate sensors.

i-Collimator fully restricts radiation at the x-ray source to scan only the pre-selected areas of interest and **control dose** to anatomy outside the field of view.

Ergonomic Stability System (ESS) is designed specifically to **maximize patient stability** and accuracy of the scanning process with adjustable seating controls, robust head stability and seated system design.