

Technical Specifications • GT300-C

- **System Type:** Dental CBCT + Panoramic + Cephalometric
- **CBCT FOV Options:** Φ 5×5cm | Φ 11×11cm
- **Voxel Size:** 65–300 μ m (CT)
- **CT Exposure Time:** 1.75–16.8 sec
- **Panoramic Exposure Time:** 2–17 sec
- **Cephalometric Exposure Time:** 2–15.5 sec
- **CT Detector Pitch:** 100×100 μ m | Detector Size: 179.2×179.2mm
- **Ceph Detector Pitch:** 75×75 μ m | Detector Size: 227.25×6.45mm
- **Pano Detector Pitch:** 100×100 μ m | Detector Size: 150.4×8mm
- **Focal Spot:** 0.5mm
- **Target Angle:** 5°
- **Tube Voltage:** 60–90 kV
- **Tube Current:** 4–12 mA
- **Line Voltage:** 100–240 VAC, 50/60 Hz
- **Panoramic Programs:** Standard | Orthogonal | Bitewing | TMJ Lateral | TMJ PA | TMJ LAT-PA | Sinus Lateral | Sinus Lateral Mid | Sinus PA
- **Cephalometric Programs:** Lateral | AP | PA | Water's View | SMV | Carpus
- **Smart Positioning:** Patient data stored on first visit; auto-recalled on all return visits
- **Patient Guidance:** Voice guidance system — multilingual
- **Ambient System:** LED mood lighting
- **Imaging Software:** Theia (Genoray exclusive) — DICOM compatible
- **AI Diagnostic Tools:** Auto Nerve Detection | Auto Arch | Auto TMJ | Auto Tracing (standard)
- **Image Processing:** Real-time Basic/Unsharp/Sharpen | SMARF metal artifact reduction | Clipping (Viewpoint/Sculpture/Box)
- **STL Export:** Yes — for 3D printing and CAD/CAM integration
- **Layout:** AI drag-and-drop customization, up to 9 simultaneous images
- **Available Colors:** Dark Gray | Light Gray
- **Dimensions (GT300-C):** 1,883(W) × 990(D) × 2,294(H) mm
- **Ceph Patent:** Registered (Application No. 10-2012-0025072)