

*Cone Beam goes
High Definition!*

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NEW *from* Gendex!

GX CB-500 HD[®]
POWERED BY i-CAT[®]

- ☞ Most Flexible 3D Scan Formats
- ☞ High-End Traditional 2D Pan Included
- ☞ Fastest "Scan-to-Plan" Workflow

☞ Cone Beam 3D Imaging Systems

Panoramic X-ray Systems

Intraoral X-ray Systems

Digital Intraoral Sensors

Digital X-ray Phosphor Plates

Intraoral Cameras

Imaging Software

GENDEX[®]
Imaging Excellence Since 1893

Introducing the GXCB-500 HD – Advanced High Definition Cone Beam 3D

Building on its award-winning 3D design, Gendex is pleased to introduce the GXCB-500 HD Medium Field of View Cone Beam system, featuring an advanced High Definition sensor for precise i-CAT®-powered 3D scans and detailed 2D pan images. Along with High Definition, the GXCB-500 HD offers scan flexibility, fast workflow, and integration capabilities. As a result, clinicians can select 3D scans and traditional 2D pans, choose scan sizes specifically designed to work with targeted procedures, and blend technologies for a wide variety of treatment options.

➤ Most Flexible 3D Scan Formats

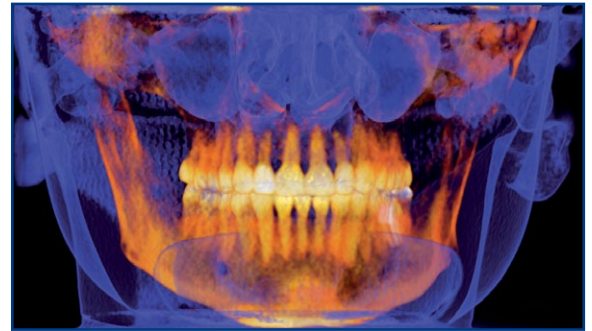
- Unique, adjustable Medium Field of View
- Scan sizes from 8 x 14 cm to 2 x 8 cm
- Numerous formats ideal for TMD, implants, endodontics, and surgical procedures

➤ High-End Traditional 2D Panoramic

- Capture a traditional low-dose 2D Pan in addition to 3D images
- Enhanced with i-pan™ image capture technology
- A \$40,000 value advantage – already built in!

➤ Fastest "Scan-to-Plan" Workflow

- Scan and reconstruct in as little as 30 seconds
- Complete planning chairside in only a few minutes
- Open architecture software for easy integration with specialized restoration, digital impression, and CAD/CAM planning programs



Medium Field of View (8 x 14 cm), the ideal format for implants, endo retreats, surgery, TMJ and airway analysis



High Definition traditional 2D panoramic included

GXCB-500 HD Technical Specifications

Focal Spot	0.5 mm
Voxel Sizes	.4, .3, .25, .2, .125 mm
Type of Sensor	Amorphous Silicon Flat Panel
Size of Panel	13 x 13 cm
Line Pairs	14 lp/cm at .2 voxel scan at the object
Grayscale (BIT)	14 bit
Shades of Gray	16384 shades of gray
Field of View	8 cm (d) x 8 cm (h) – Standard Mode 14 cm (d) x 8 cm (h) – EDS Mode
Collimation	Down to 2 cm
Scan Times	8.9 sec (.3 and .4 voxel, Standard/EDS Mode) 23 sec (.125, .2 and .25 voxel, High Resolution Scans)
Reconstruction Times	less than 20 sec – Standard Mode less than 95 sec – EDS Mode
File Sizes	less than 20 MB – Standard Mode less than 76 MB – EDS Mode
Software	Free i-CAT Vision™ viewing and sharing software included
Footprint	48" wide x 46" deep

Specifications subject to change without notice.

The GXCB-500 HD® is manufactured by Imaging Sciences International for Gendex Dental Systems.

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