Since its creation in 1995, Suni Medical Imaging has been a leader in digital radiography, pioneering the development of digital sensor technology for dental clinical applications.

Initially, Suni was best known for designing and manufacturing sensors for many of the early leaders in digital radiography. In 2002, however, the company added its own brand of high-quality sensors and intraoral cameras to its product portfolio.

Today, at its ISO-certified facility in San Jose, CA, Suni manufactures two lines of digital x-ray sensors – Suni-Ray and Dr. Suni Plus – plus a broad line of OEM sensor products and components. In addition, the company distributes SuniCam II, a lightweight, ergonomic intra-oral camera.

In 2009, Suni began distributing Cone Beam 3D Systems in the U.S. Market under the Suni3D brand name. This technologically advanced 3D system provides a small-field of view focus for general dental practitioners and specialists alike, allowing them to increase the productivity and efficiency of their practices.

Suni’s culture is built on three basic principles – technological innovation, continuous improvement and exceptional customer service! Headquartered in Silicon Valley, the company’s team of design engineers is credited with a number of firsts, including the world’s thinnest intra-oral sensor and the “best overall value for price” in the sensor marketplace.

Looking to the future, Suni will continue to focus relentlessly on developing products that simplify the lives of dental practitioners while providing the ultimate in clinical care for their patients.
The Optimum Solution For All Diagnoses

With its just right FOV for 3D applications, and panoramic and cephalometric images that are beyond compare, the Suni3D System is the optimum tool for all your specialty and diagnostic procedures.

SUNI3D Values at a Glance:

- High-resolution images with selectable voxel sizes for consistent diagnosis every time.
- One-shot, brilliant quality cephalometric images for optimum orthodontic care.
- Crystal-clear panoramic imaging with optional bite wing capture for general diagnostic needs.
- Upgradeable technology - start with panoramic capability and add cephalometric and 3D capability as your practice grows.
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CT Cone Beam Panoramic FPD OS CEPH

Available as an easy to operate panoramic unit, or a dual function panoramic and 3D system, Suni3D offers the best of both worlds.

Auto-Switching between Panoramic & CBCT Sensors

No manual sensor switching required. Simply choose the scan program you want and the sensors automatically switch into place.

Suni3D Panoramic

Accurate and simple panoramic technology provides a series of automated programs for all your diagnostic needs -- the Suni3D Panoramic system combines simplicity with state of the art technology to provided ease of use, superior image quality and extensive diagnostic capability.

There are nine anatomical programs including Standard, Hemi-Panoramic, Frontal Dentition, Sinus, TMJ Open and Closed, Incisor Clear, Orthogonal, Canal Clear and Maxillary Clear. The best part is that the Suni3D Panoramic System gives you the flexibility to upgrade to Ceph or 3D whenever you’re needs require it.

Optional Bitewing Module with Auto Focus Technology

Optional Panoramic bite wing software provides a low-dose alternative for capturing panoramic bite wings in anterior and posterior regions - an optimum alternative for patients with challenging anatomies.

Suni3D Cone Beam

Suni3D has an optimum 5x5 or 8x5 FOV that is just the right size for quadrant dentistry. The focal field of view allows you to see all the anatomical structures needed for optimum care. Suni3D is ideal for implantology, TMJ evaluation, and endodontic procedures.

With Suni3D’s outstanding diagnostic image quality, you can view coronal, sagittal, and axial images together with the panoramic image in one viewer. The exact measurements and implant simulation functions give you the security of accurate treatment planning.

FOV 8x5
With a FOV of 8x5, dentists can easily diagnose one dental quadrant at a time giving flexibility and data for single to multiple implant cases.

FOV 5x5
Perfect size for single implant cases and endodontic diagnosis.

Suni3D’s foV 5x5 or 8x5 provides the right size for quadrant dentistry. The focal field of view allows you to see all the anatomical structures needed for optimum care. Suni3D is ideal for implantology, TMJ evaluation, and endodontic procedures.

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One-Shot Cephalometric

State of the art cephalometric imaging with one-shot exposures delivers exceptional image quality for orthodontic, maxillofacial and multi-disciplinary practices.

A complete diagnostic cephalometric tool
- Unparalleled image quality, covering the entire head
- Significant reduction in x-ray exposure dose
- Multiple cephalometric formats
- Upgradeable to localized 3D imaging

The Most Advanced System for Orthodontic Specialists

Revolutionary One Shot Exposure
With a 0.9 second exposure time, Suni3D ensures the best image quality and minimal retakes by eliminating image distortion that could result from patient movement. The less than 1 second exposure time reduces x-ray dose proving a safer diagnostic environment for your staff and patients.

Optimium Capture Programs Covering All Orthodontic Diagnosis
A broad range of image formats that suit any orthodontic tracing need round out the flexibility of the Cephalometric module.

Suni3D HD’s 5x5cm Field of View is Ideal for Specialty Applications
And, with the added benefit of a lower radiation dose, you can be assured that you are providing the safest and most effective care for your patients. With most endodontic and implant procedures involving 1 or 2 teeth, there is no need to obtain entire scans of the patient’s cranial anatomy. Suni3D HD gives you just the right amount of information to give your patients just the right amount of care without causing possible liability issues in the future for you and your practice.

Suni3D HD’s .08mm Voxel Size Provides High-Resolution 3D Images Beyond Compare
Configurable up to .125mm, the imaging capabilities of the Suni3D HD outshine the competition. High-resolution 3D imaging gives you a new perspective when looking at dental structures and anatomies allowing you to see things that you simply cannot see with conventional 2D imaging systems. Or even some of the competitive 3D systems on the market today. The small voxel size provides images that are ideal for implantology and even for the most demanding endodontic cases.

Optimal Capture Modes for Orthodontic Diagnosis

* Sample Images of FPD OS Cephalometric system
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The Most Advanced System for Orthodontic Specialists

Suni3D HD

State of Art “One-Shot” Technology

Revolutionary One Shot Exposure

Slim & Elegant Design

Optimum Capture Programs

Covering All Orthodontic Diagnosis

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Suni3D’s highly sensitive detector ensures high-quality images never before seen. Orthodontic and multi-disciplinary practices can benefit from Suni’s advanced technology. And, the Cephalometric module can be easily added at any time to the Suni3D Panoramic.

The slim and elegant design of the Cephalometric module allows for simple office placement and excellent space efficiency.

A broad range of image formats that suit any orthodontic tracing need round out the flexibility of the Cephalometric module.

Endodontics and Implantology in High Definition

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One-Shot Cephalometric
0.9 second exposure time minimizes radiation exposure and possible image distortion from patient movement. The result, images with exceptional quality.

Auto Switching Technology
The Panoramic and CBCT sensors rotate automatically depending on the resultant image desired. No manual sensor switching required minimizes risk of accidental damage.

Auto Positioning
In CBCT scan, the target tooth can be scanned exactly using this technology.

The Position is adjusted automatically according to the number of teeth.
(scout view: only for FOV 5x5cm)

LCD Guidance
When scanning a patient, it displays the direction with LCD guidance.

With voice and LCD guidance it enables the accurate positioning of the patient.

Touch Panel LCD
During operation, you can use not only the PC but also the touch panel.

Operate and perform positioning beside the patient without the inconvenience of moving every time.

Wheel-chair Accessible
Design based on the convenience of patients.

Hounsfield Scale
Quantitative scale for determining bone density to ensure optimal implant placement.

Various View Modes
You can diagnose using various view modes such as Cross-sectional View, Oblique View, and 3D Zoom.

Measurement
1:1 ratio allows for accurate measurement.

Profile
Displays the bone density profile ensuring optimal implant placement.

Canal Manager
Canal size and color can be adjusted allowing accurate diagnosis and implant planning.

Implant Simulation
The Implant Simulation function reduces the risk during surgery and Ez3D allows simple and accurate planning without complicated processes seen in other software.

Customized SW
Users can customize various features such as the composition and position of the toolbar. You can use it intuitively by deleting the unnecessary features and creating your own menu. From now on, enjoy uniquely customized SW.

Intuitive, User-friendly
Menu bar
You can find the function you want conveniently by using the menu bar or toolbar at the same time.

Guidance
Guidance is given through anatomical icons displaying the direction of image in a user-friendly interface.
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**Specification**

<table>
<thead>
<tr>
<th>Function</th>
<th>CBCT + Pano + Ceph</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOV Size (cm)</td>
<td>50x50x50</td>
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<tr>
<td>Exposure Time</td>
<td>CT: 15sec/2sec; Pan: 4 sec; Ceph: 8 sec; Pan/Pan/CEPH: 10 sec/Pan/Ceph: 20 sec (Zircon DS)</td>
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<tr>
<td>Reconstruction time</td>
<td>Less than 1 minute</td>
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<tr>
<td>Pixel Size</td>
<td>0.8 - 0.2mm</td>
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<tr>
<td>Patient Position</td>
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<tr>
<td>Rotating Unit Degree</td>
<td>360°/0.15°</td>
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<tr>
<td>Generator Voltage</td>
<td>85-99 kVp</td>
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<tr>
<td>Generator Current</td>
<td>2-10mA</td>
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<tr>
<td>Focal Spat</td>
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<tr>
<td>Power</td>
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*The specifications are subject to change without prior notice.*

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**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>Pano</th>
<th>CBCT</th>
<th>CEPH</th>
<th>Upgradeable</th>
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<tbody>
<tr>
<td>Suni3D Panoramic</td>
<td></td>
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<td>Suni3D Pan/Ceph</td>
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<tr>
<td>Suni3D Pan/Cone Beam</td>
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<td>Suni3D HD</td>
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<tr>
<td>Suni3D All-in-One</td>
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