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KFDA GMP CE 1023 FDA JFDA



Point 800S HD 3D PLUS®

3 in 1 Digital System

Digital Leader
SMART PointNix

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Using Super OLED Sensor,

Check the image quality twice better than other panoramics.



Point 800S HD 3D PLUS®

3 in 1 Digital System

NEW

10x9 F.O.V
Upgradable and detachable CT sensor.

What's Smart Sensor?

- -Using Super OLED Sensor
- -The highest quality image
- -Using sensitive raw material
- -Low X-ray radiation

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Specifications

	Panorama	Cephalo	CT
Point 800 HD PLUS	●		
Point 800S HD PLUS	●	●	
Point 800 HD 3D PLUS	●		●
Point 800S HD 3D PLUS	●	●	●
Point 800C HD 3D PLUS	●	●	●

Point 800 HD 3D PLUS_ CT	
Type	Amorphous Silicon
Scintillator	Amorphous Silicon
Pixel Size	127 ㎛
Total Active Area	FOV (12x9) : 1,024 x 1,024 FOV (10x9) : 1,024 x 640
A/D Convert	14 bit
F.O.V	120 x 90 mm, 100 x 90 mm
Reconstruction Time	10 ~ 40 sec
Voxel Size(Slice Thickness)	0.160 mm(max.)
Scan Time	Panorama Mode : 17 sec CT Mode : 19 sec

Point 800S HD 3D PLUS_ CT & Pano & Cephalo	
Type	CdTe
Scintillator	Super OLED
Pixel Size	48 ㎛
Total Active Area	Ceph 5,000 x 100 mm PANO 3,125 x 100 mm
A/D Convert	12 bit
Scan Time	Panorama Mode : 17 sec Cephalo Mode : 10 sec

Point 800C HD 3D PLUS _ CT & Pano & Cephalo	
Type	Flat Panel Detector
Scintillator	TFT-Amorphous Selenium
Pixel Size	129 ㎛
Detecting Area	198x264mm (8 " x10 ")
A/D Convert	14 bit
Scan Time	0.8 sec

Point 800S HD PLUS_ Pano & Cephalo	
Type	CdTe
Scintillator	Super OLED
Pixel Size	48 ㎛
Total Active Area	Ceph 5,000 x 100 mm PANO 3,125 x 100 mm
A/D Convert	12 bit
Scan Time	Panorama Mode : 17 sec Cephalo Mode : 10 sec

Point 800 HD PLUS	
Type	CdTe
Scintillator	Super OLED
Pixel Size	48 ㎛
Total Active Area	3,125 x 100 mm
A/D Convert	12 bit
Scan Time	17 sec

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KFDA / JFDA / ISO13485
ISO9001 / CE Certificate
EU Declaration of Conformity(EMC)

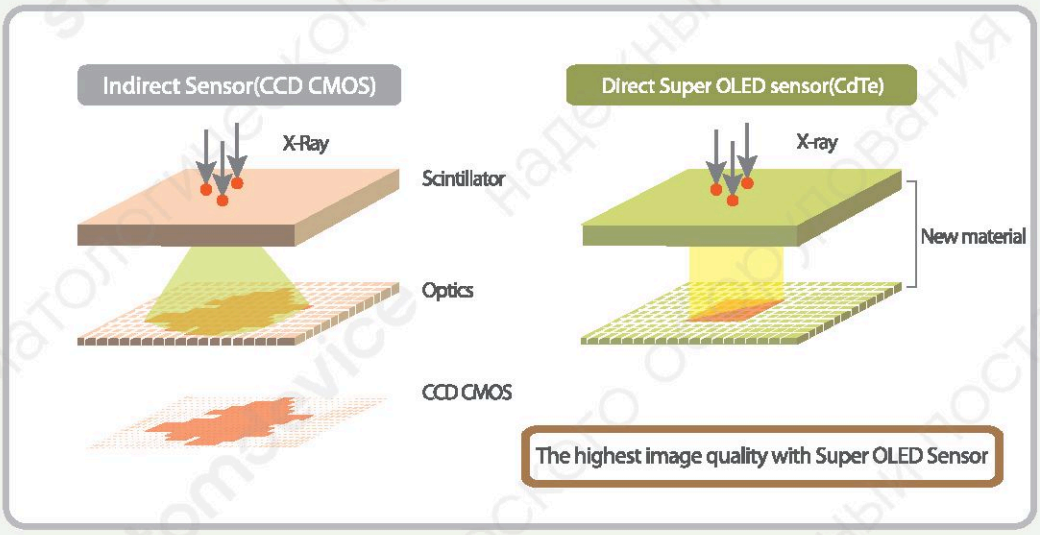
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3 in 1 system & detachable sensor

Economical, Reasonable Dental X-ray imaging device with combination of Dental CT, Digital Panoramic and Cephalometric.

Adoption Super OLED Sensor



Easily shown clear and high quality image when the luminous body absorbed X-ray, the each cell converts Electronic signal without any spread and overlap.

Excellent rate of X-ray absorption

CCD EMOS absorbs 35% of X-ray so it is needed more X-ray. But Super OLED sensor absorbs 100% of X-ray, and it is shown high quality image with low X-ray.

Modern and Simple

Modern and Simple design added with work convenience and inefficient.



Panorama



CT



Ceph

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RealScan

PointNix RealScan- Analysis 3D Imaging Software

RealScan supports user for planning treatments in accurate ways



Accurate and easy analysis of diagnosis/treatment plan

3D Volume Rendering
Three dimensional images are supporting for analyzing of patients' diagnosis and treatment plan

MAR(Metal Artifact Reduction)
Accuracy of diagnosis is enhanced by removing metal artifact and calibrating blurring of metal materials.

Measurement Tools
Information of length, angle, bone density and anatomy is precisely measured by using three dimensional data.

Automatic Bone Density Measurement
Bone density condition of patients' bone is automatically measured.

DICOM 3.0
DICOM 3.0 guarantees the superior quality of data compatibility.

Cross-Sectional View
Sliced images from various angles are provided a minimum of 0.1 mm size.

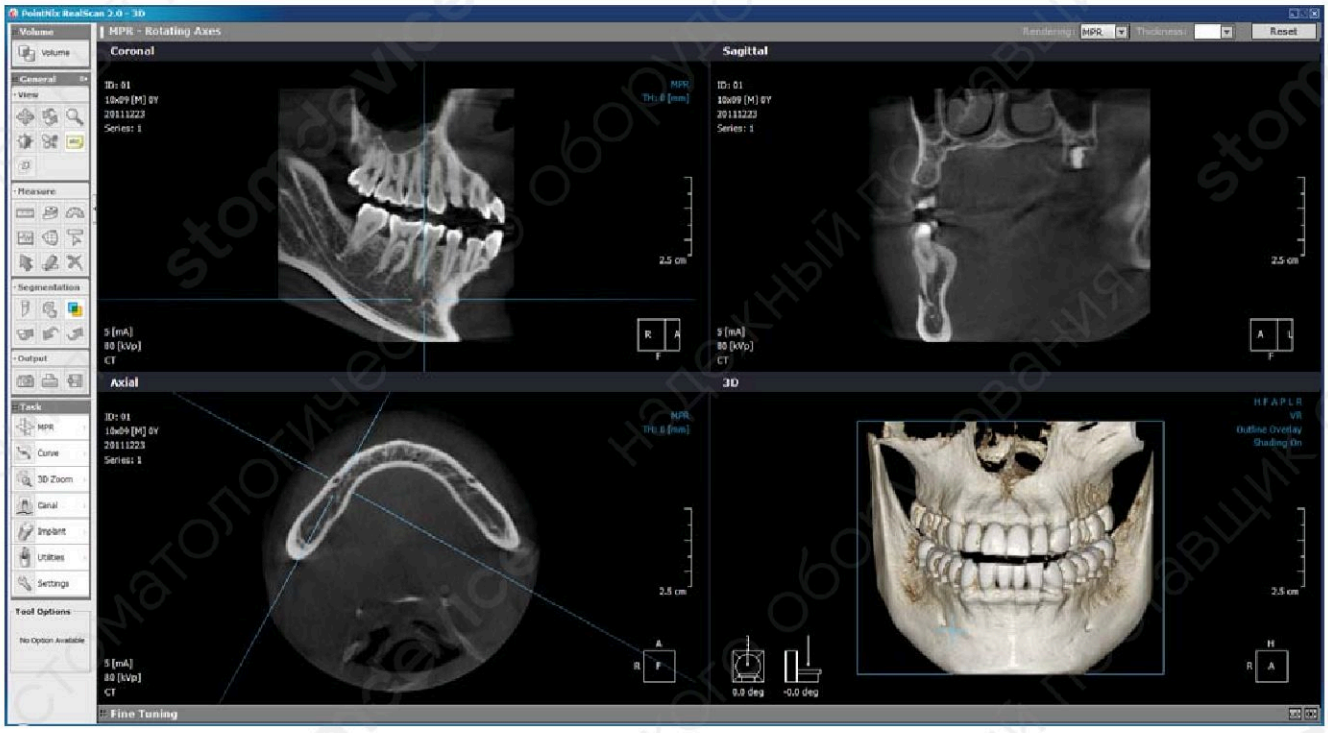
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F.O.V (10X9cm)

PointNix RealScan- Analysis 3D Imaging Software





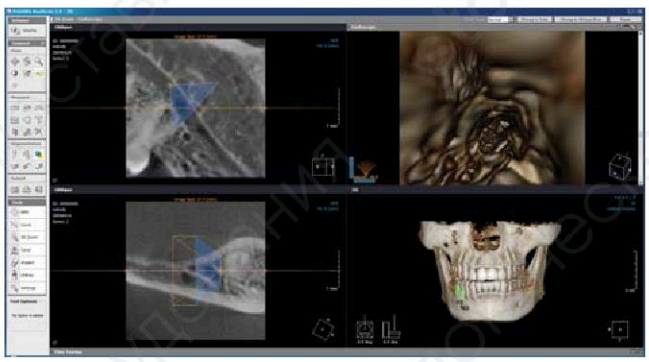
3D Cube

360° rotated data from one scanning is reconstructed to 3-Dimensional image with the same resolution level.



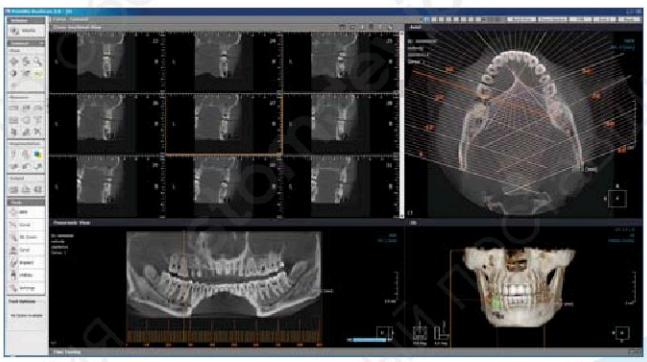
Oblique Slice

Oblique Slice is to briefly analyze the image of any selected Area



3D Endoscopy

Internal structure of bone, blood vessel, and other areas except for blood vessel are accurately observed through virtual 3D Endoscopy.



3D Implant Simulation

Through the 3D Implant Simulation function, more detailed treatment plan is available, and density of bone structure around implant is measured.

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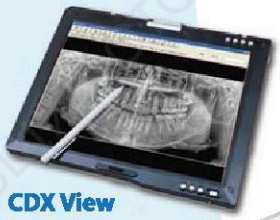
The Most Advanced HD Panorama & Scan Type Cephalo System

2 in 1 Digital System_Panorama+Cephalo



Point 800S HD®

- One Detachable Sensor for both Panorama and Cephalo
- Secured Patient's Safety due to Low Radiation Dosage
- Simple and Refined Design
- Available for AP, PA, LAT and Carpus
- Soft Tissue Calibration



CDX View
Image Management S/W

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Detachable Sensor Type



The Best Quality of Images

Direct type sensor technology offers clear, accurate and high-defined images which are free from image blurring issues.
Also, due to the highest X-ray absorptiveness, it maximizes the quality of images.

The Greatest Durability

Medium/large size of X-ray tube tank is able to take more than 80 panorama images per day, which offers the World-class durability.

The Most Increased Convenience

Images from Panorama, CT, Intra oral camera, Digital camera, Intra oral sensor and etc can be controlled by one program, CDX View.

Scan Type Cephalo System (Scan Type: 10sec)





Panorama



Ceph

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