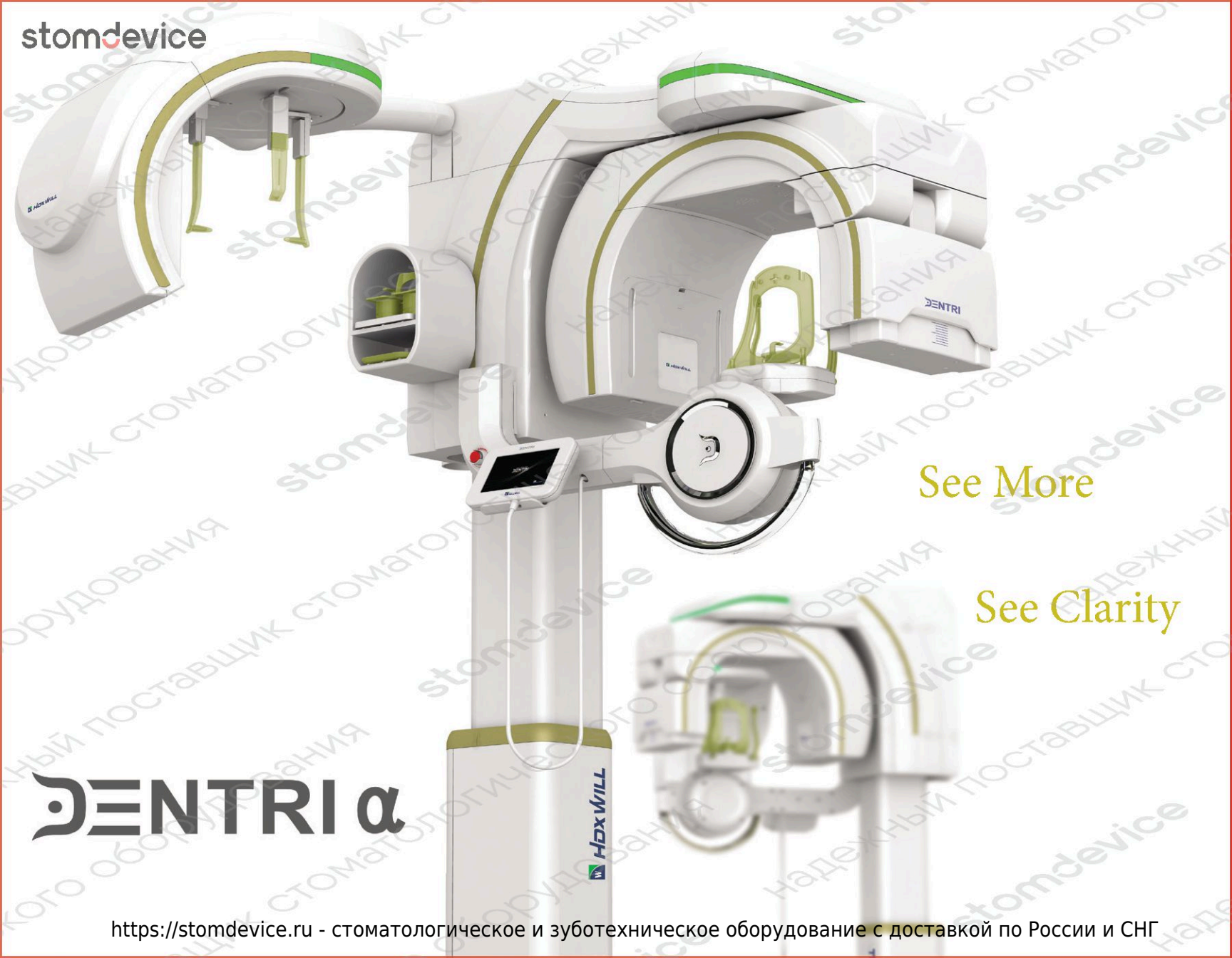
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# HDX CYOPTIX

Explore the transition with CYOPTIX

Our "ONGOING" software technology development creates striking contrast and sharpness of images. We strive to provide you with the latest technology.



Enhanced Recon Algorithm Applied



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# Dentri α™ Classic

Renowned for its Crisp, Ultra-HD imagery Dentri α Classic will become an indispensable part of your expanding practice. Powerful yet flexible, the Dentri α Classic provides a wide Field of View (FOV)16x8cm and crisp panoramic imaging.




# Dentri α™ Extended

The Dentri α Extended CBCT expands the Field of View (FOV)16 x 14.5cm. This feature allows for an expanded view of the facial structures, sinus, TMJ, and dentition with the quality images Dentri α Extended provides.




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# FREE FOV

# Voxel Size

Capture ANY SIZE for diagnosis



Left maxilla view for implant evaluation



Right Mandible for endodontic diagnosis





Precise Diagnosis min 0.1mm Voxel size

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# MAR

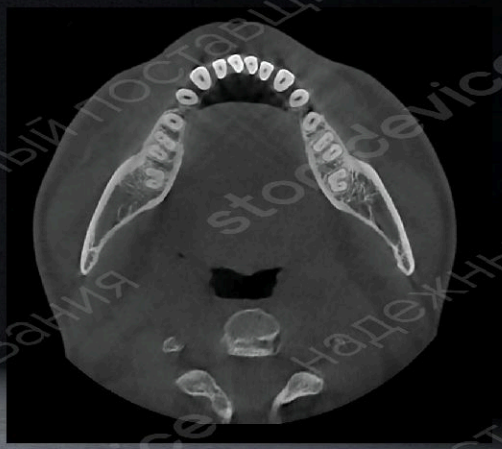
# Ultra Fast Scan







Normal Scan



Ultra Fast Scan

Metal Artifact Reduction- Reduces artifacts for diagnosis

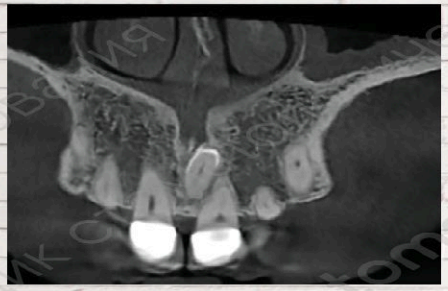
Ultra Fast Scan- Reduces motion artifacts and lowers radiation dose

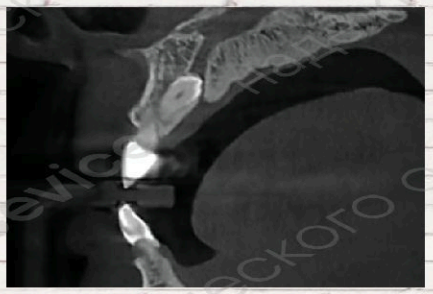
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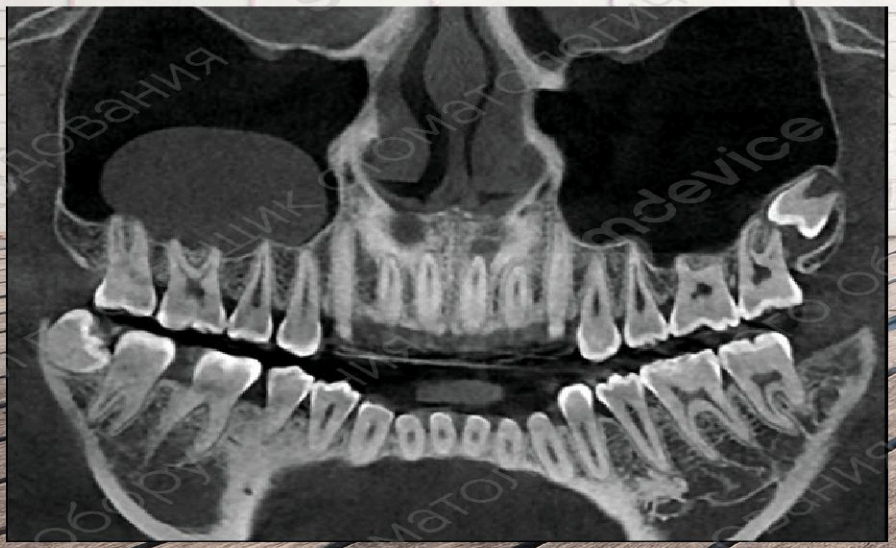
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# Oral Surgery

Wide views to evaluate severe impactions



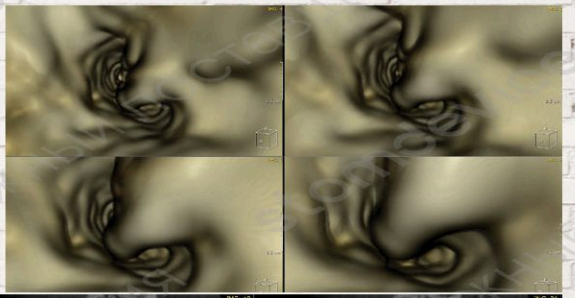




# Endodontics

Multilayer view analysis of canals



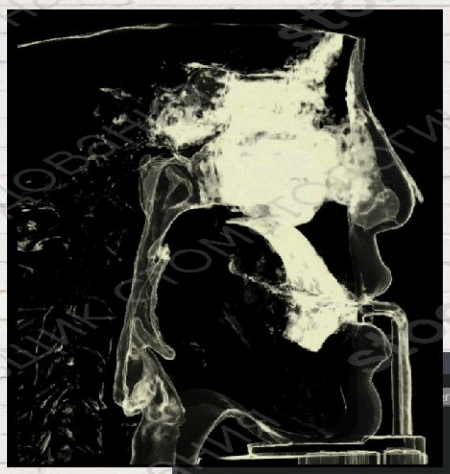


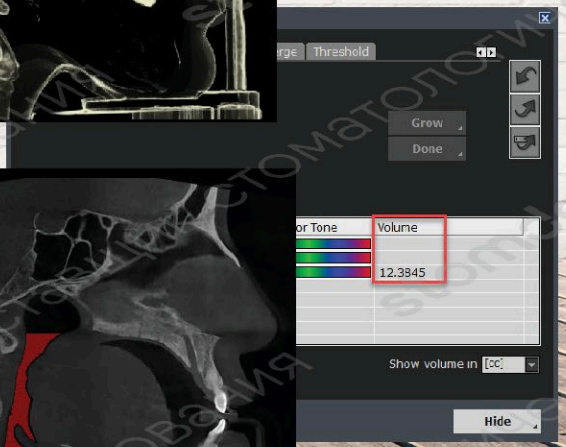


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# Otolaryngology

Airway morphology and volume analysis








# Orthodontics

3D view without distortion for skeletal & asymmetric analysis



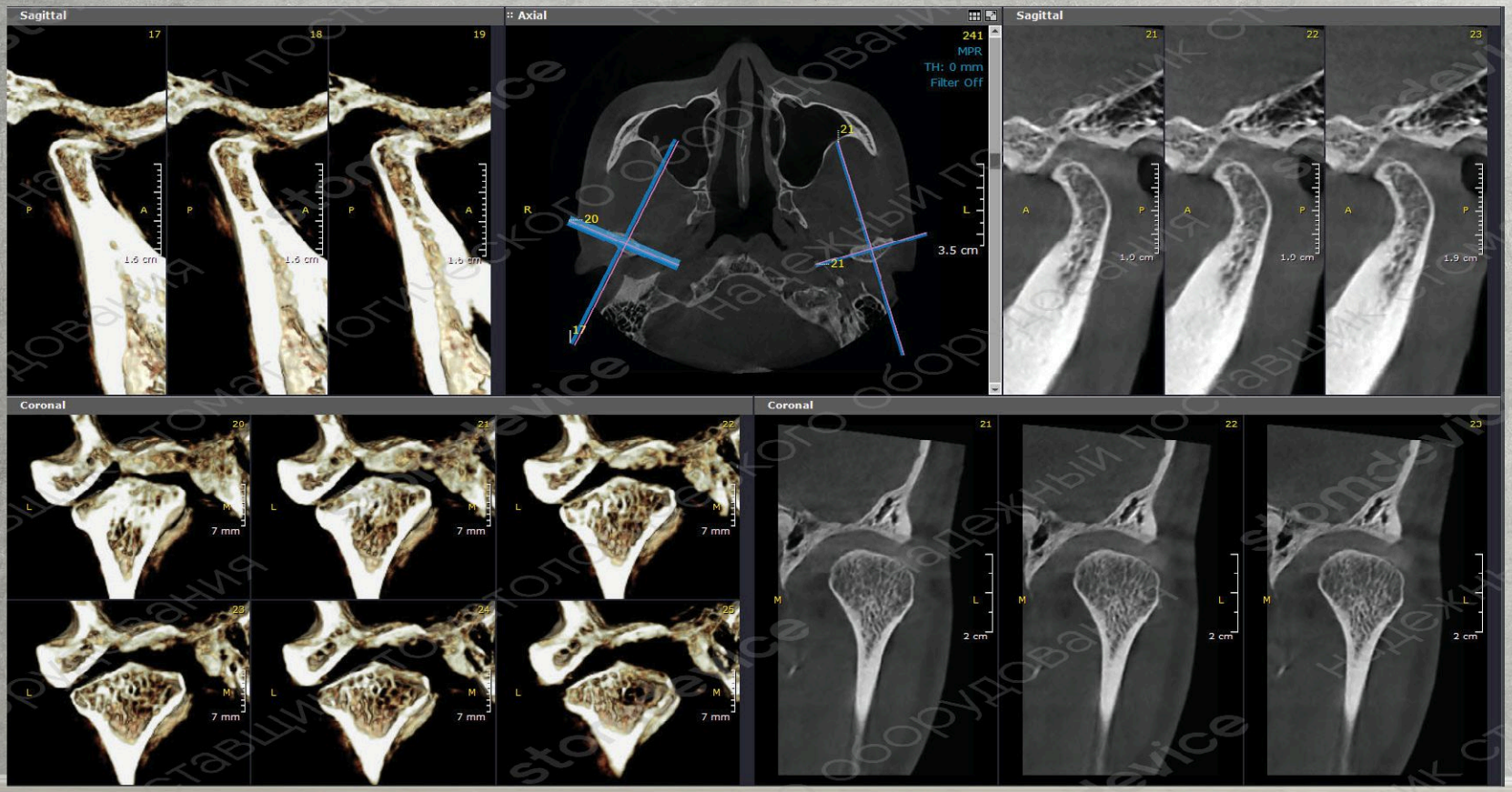





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# TMJ

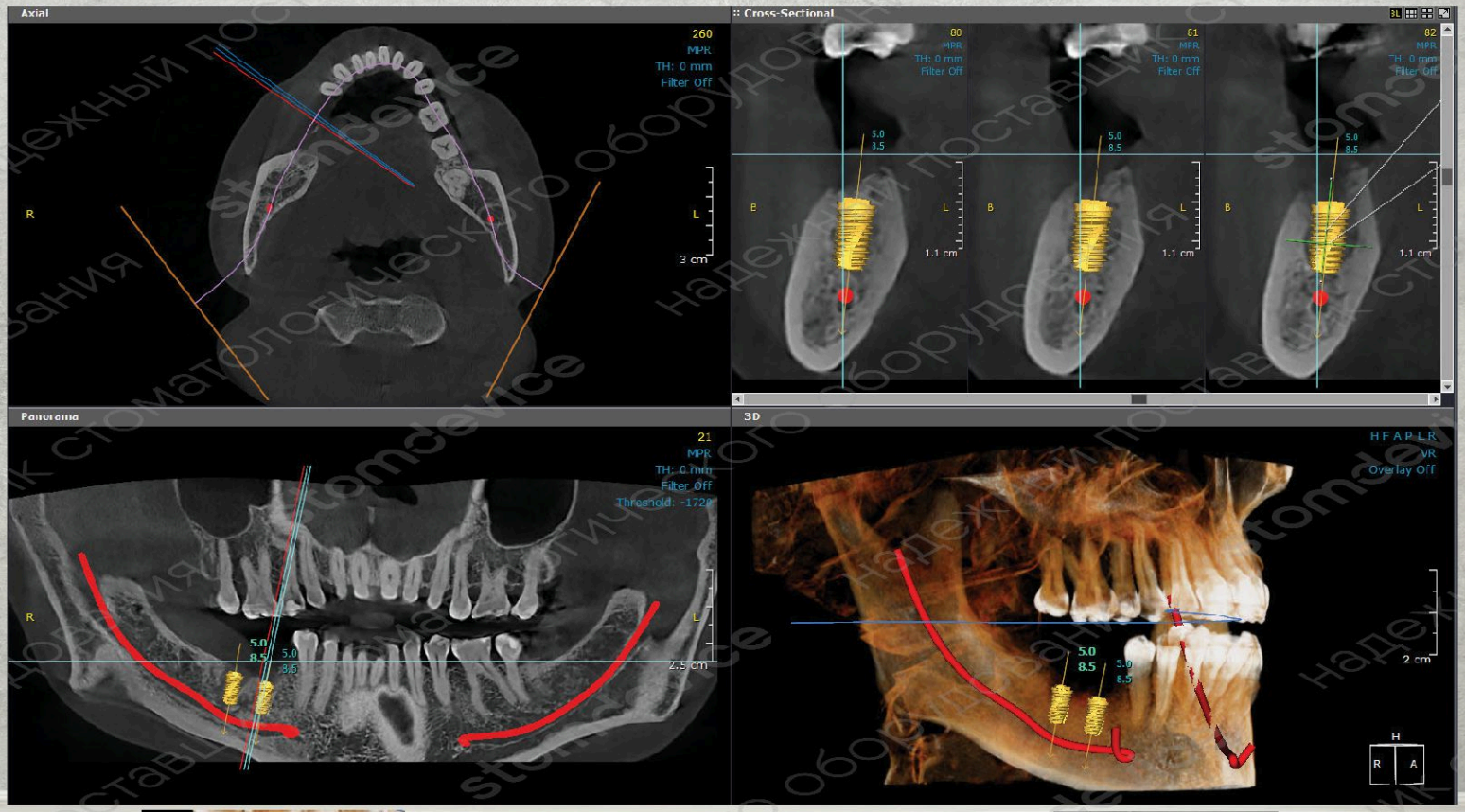


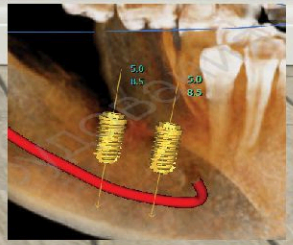

Location and angle diagnosis of bilateral mandibular condyle erosion. Multilayer view of diagnosis of TMJ ankylosis & mandibular fossa

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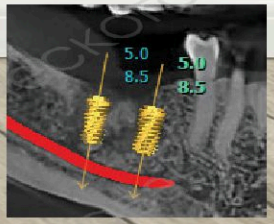
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# Implantology



Simulate implant
using a virtual library



Verify final placement



Example of mispositioned implant.
Avoid Mispositioning implant with CBCT data.

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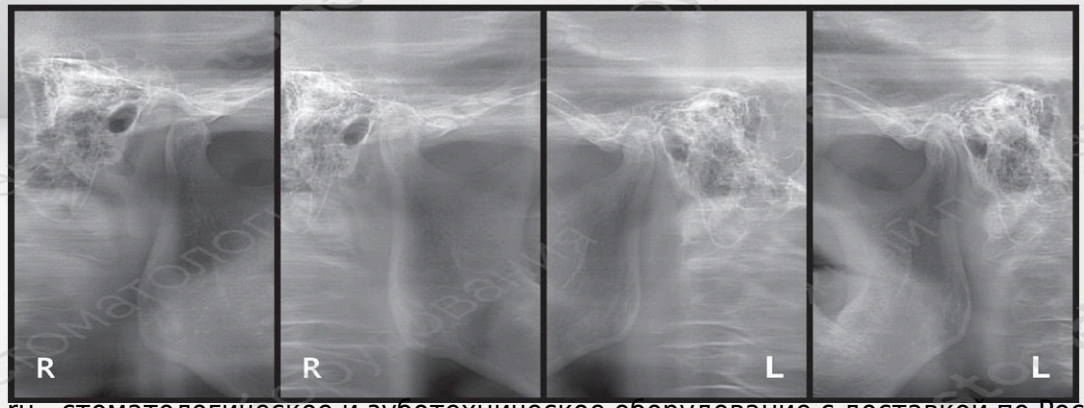
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# Dedicated 2D Panorama

Impeccable wide image view for diagnosis




Four cut series of TMJ open/closed mouth




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# Cephalometric X-Ray

Dentri C α™ one shot type attachment reduces movement artifacts and provides superior image quality.

Dentri C α™



Dentri S α™

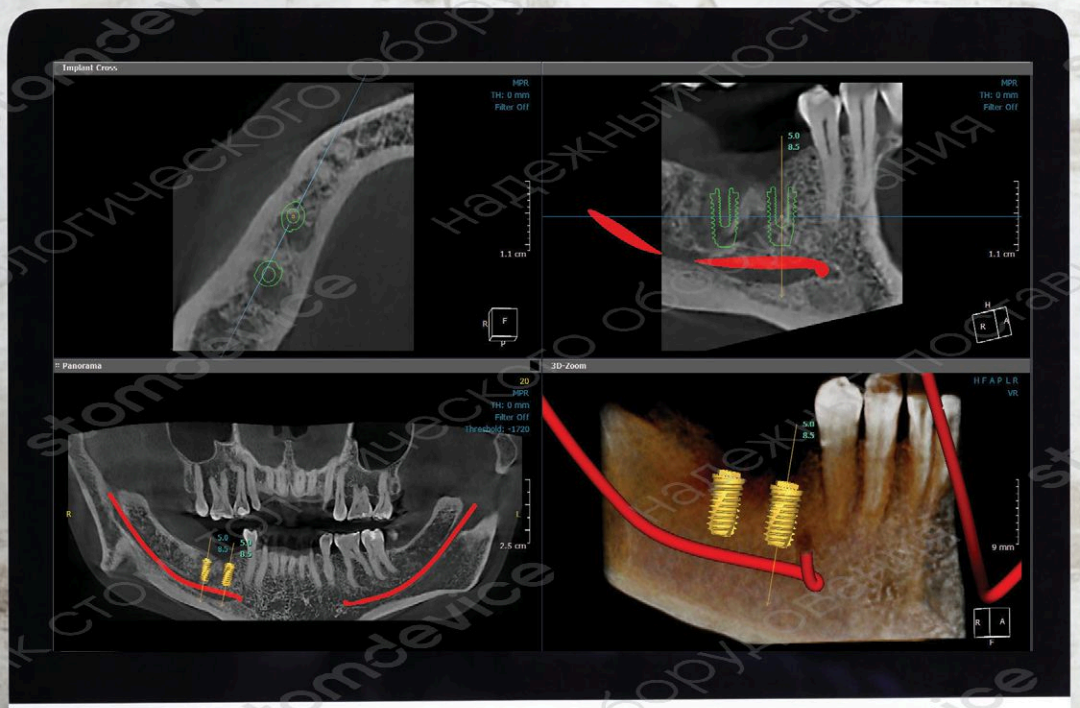


Dentri S α™ scanning type attachment provides affordable and reliable option.

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# With your Dentri α™ intuitive software package includes Ondemand3D™




Powerful 3D user friendly navigation software for digital treatment planning

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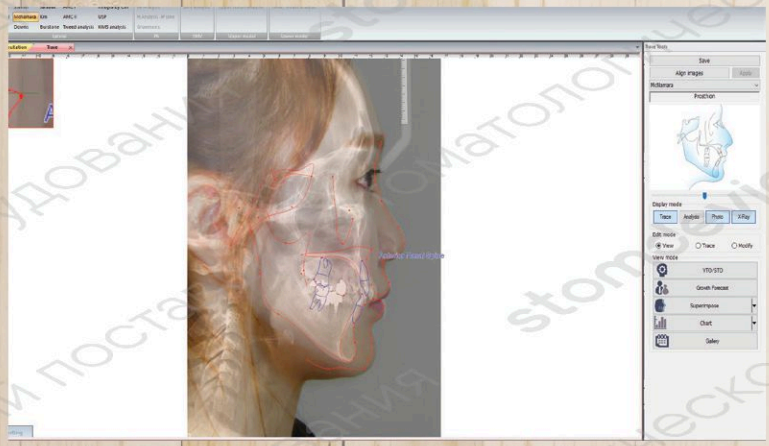
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# Available Software

## Will-Master

Patient image management software and 2D Viewer. Allows you to import and export images in your own practice. Compatible with 3D viewer navigation software.



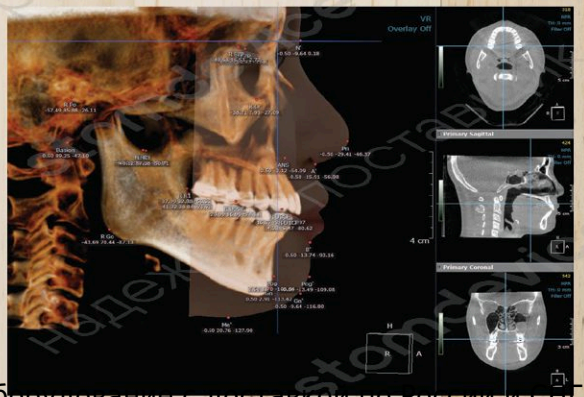


## 3D Cephalometric Analysis Module

The next generation cephalometric analysis with large FOV to evaluate cehpalometric landmarks. (Optional)

## Will-Ceph

2D Cephalometric analysis software (Optional)



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# HDX WILL™ More Than 35 Years of Medical & Dental Experience

## 2017

Global markets expansion established to bring HDX technology to HDX Will North America (Los Angeles) and HDX Will Europe (Paris).

## 2015-2016

Further expansion into Asian markets with exponential growth for China and Malaysia regions.

## 2013

Company name changed to HDX Will, added intra-oral, panoramic x-ray, and radiography telemetry system transmitters to a growing line of Dental x-ray equipment.

## 2012

Expanded portfolio of dental x-ray equipment & expansion into surrounding Asian markets. First Dentri system launched. Added general x-ray hand held-x-ray,and digital x-ray devices to portfolio.

## 2010

HDX acquired Will-Med (CBCT technology company) Began manufacturing and licensing of CBCT technology. First HDX CBCT machine sold in Korea.

## 1982

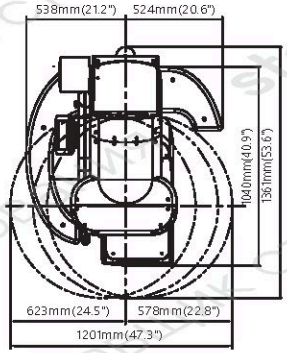
HDX founded in Seoul, Korea as a distributor of Medical devices. Focused on ultrasound technologies then progressed into PET/CT scan, Gamma Camera, and LINAC cancer therapy systems.

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# Minimum Space Required & Dimensions

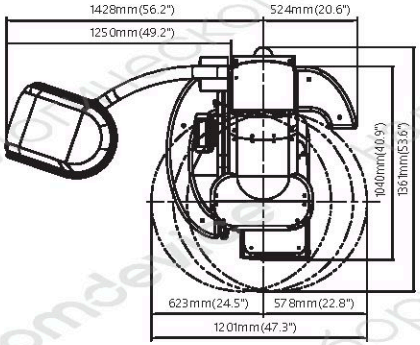
DENTRI α™ : PANO/CBCT



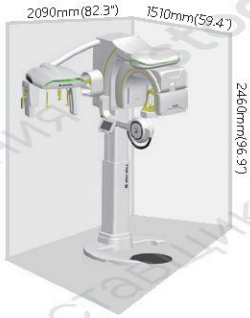



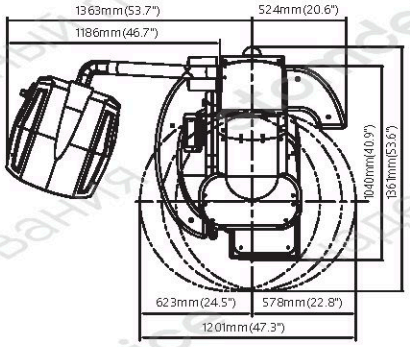

DENTRI C α™ : PANO/CBCT/ONE-SHOT CEPH




DENTRI S α™ : PANO/CBCT/SCAN CEPH




# Product Details

| Model | | Panorama | Cephalo | | CT | FOV (cm x cm) | | |
|---|---|---|---|---|---|---|---|---|
| | | | One-Shot | Scan | | 16 x 14.5 | Free FOV | 16 x 8 |
| DENTRI α | Extended | ● | | | ● | ● | ● | ● |
| | Classic | ● | | | ● | | ● | ● |
| DENTRI-Cα | Extended | ● | ● | | ● | ● | ● | ● |
| | Classic | ● | ● | | ● | | ● | ● |
| DENTRI-Sα | Extended | ● | | ● | ● | ● | ● | ● |
| | Classic | ● | | ● | ● | | ● | ● |

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# SPECIFICATIONS

| | | | |
|---|---|---|---|
| X-ray Beam | | | Cone Beam |
| Scan Time | CT (Pulsed) | Dentri Classic (16x8cm) | 8s(Ultra Fast Scan)<br>24s(Nomal Scan) |
| | | Dentri Extended (16x14.5cm) | 16s(Ultra Fast Scan)<br>36s(Normal scan) |
| | Panorama | | 14s and less |
| | One-shot Type Cephalo | | 0.5s, 1.0s, 1.5s, 2.0s |
| | Scan type Cephalo | | 4s(Fast Scan)<br>8s(Nomal scan) |
| Field of View (CT)(cm x cm) (Diam. x Height) | Dentri α Classic | | Free FOV<br>Max 16x8 |
| | Dentri α Extended | | Free FOV<br>Max 16x14.5 |
| Voxel Size(CT)(mm) | | | 0.10, 0.15, 0.20, 0.25, 0.30 |
| Focal Spot (mm) | | | 0.5 |
| Reconstruction Time | | | Minimum 8s<br>(Standard Recon, MAR off) |
| Patient Alignment | | | Vertical Column (optional) : Electric motion<br>Column : Electric motion<br>Temple Support : Motion |
| Control Device | | | Alignment : Touch Panel<br>Exposure & Imaging Acquisition : PC |
| Install | | | Free Standing |
| Tube Voltage | | | 60kVp-110kVp |
| Tube Current | | | 5mA-10mA |

| | | |
|---|---|---|
| Patient Position | | Standing (Wheel chair accessible) |
| Detector Type | CT & Panorama | CMOS |
| | One-shot Type Cepahlo | Direct(TFT) |
| | Scan Type Cephalo | TDI CCD |
| Gray Scale | CT & Panorama | 14 bits |
| | One-shot Type Cephalo | 14 bits |
| | Scan Type Cephalo | 16 bits |
| Dimension (mm x mm x mm) (WxDxH) (Tolerance : ± 5%) | | Dentri α : 1201x1361x2455 |
| | | Dentri C α: 2006x1361x2455 |
| | | Dentri S α:1941x1361x2455 |
| System Weight (Tolerance : ± 10%) | | Dentri α:<br>243 kg (Dentri Extended)<br>233 kg (Dentri Classic) |
| | | Dentri C α:<br>270 kg (Dentri Extended)<br>260 kg (Dentri Classic) |
| | | Dentri S α:<br>260 kg (Dentri Extended)<br>250 kg (Dentri Classic) |
| Workstation | OS | Windows 7 64bit |
| | Memory | 16Gb |

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www.hdxwillna.com

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