Kodak Dental Systems

9000 3D

KODAK 9000 3D Extraoral Imaging System

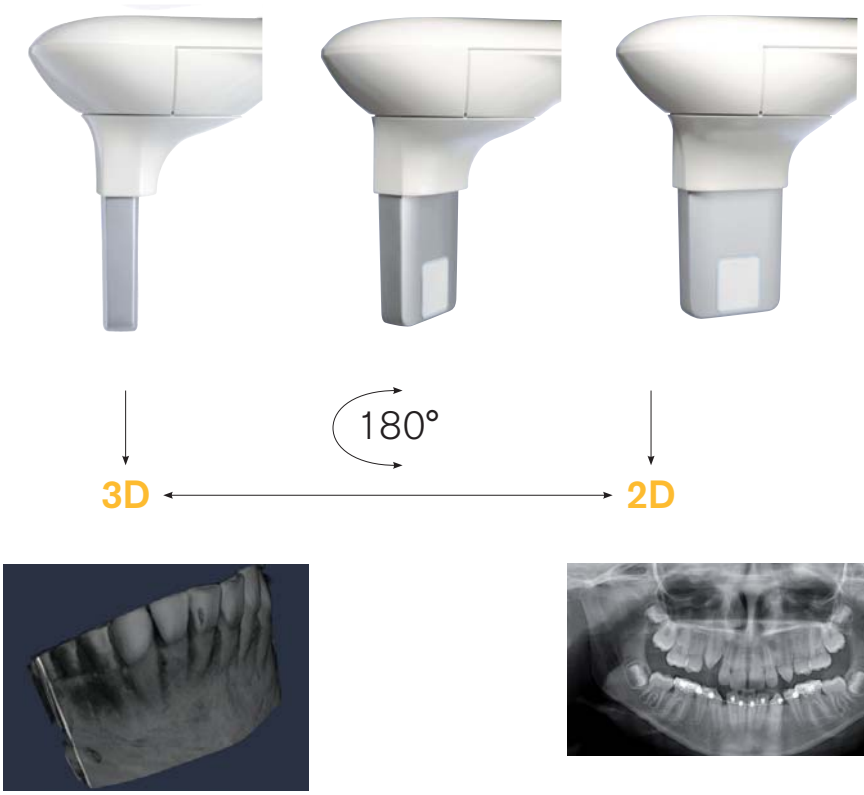
Innovation, in reach

The future is for today

3D is now
Dental radiography has changed;
the technology of the future has become available to all. With the new Kodak 9000 3D extraoral imaging system, you can now benefit from the power and the accuracy of 3D imaging in your practise.

3D is accessible
As always, our newest system is a model of innovation, ease-of-use and affordability.
A clever and cost-effective two-in-one solution, it brings powerful 3D imaging to all dental professionals at a price that's affordable like never before.

3D is possibilities
With the unprecedented detail and angles of view our 3D technology affords, you'll discover a range of new diagnostic possibilities including endodontics, implantology, as well as surgery and dental diagnostics.
Designed for daily use by any dental professional, the Kodak 9000 3D system raises the bar for dental imaging and makes the future your reality.



Doubly effective

Two-in-one solution
One of the outstanding features of the Kodak 9000 3D system is its combination of dedicated 2D panoramic and 3D imaging technology.

Real panoramic technology
Panoramic images are a near-obligatory first step in most examinations and treatments given their complete dentition overview. With such frequency of use, you will appreciate having the Kodak 9000 3D system's true panoramic technology at your disposal.

Real 3D technology
Our 3D technology provides an extraordinary level of detail… from all angles. There is no longer a need to reconstruct "best guess" mental representations of patient anatomy. This is the beauty of 3D technology: it yields anatomically correct images onscreen.

Simple switching
Even with two distinct technologies living in one system, you won't have to worry. You select the program on your computer and the unit automatically switches between 3D and panoramic modes. You and your staff never have to manually change the sensor.

Accurate, safe and simple

Localized field of view

The Kodak 9000 3D system boasts a localized field of view for high resolution images and voxel size. It's ideal for most local dental applications, even the most demanding ones such as endodontics and single implants.

Safely advanced

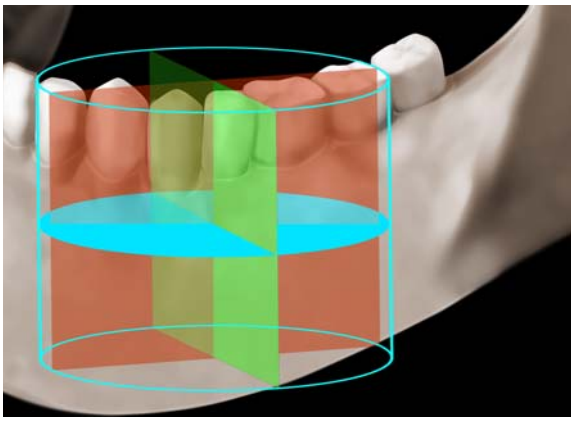
Localized viewing also reduces radiation exposure as compared with larger field 3D systems. In other words, you improve image quality and simultaneously provide better protection for your patients.

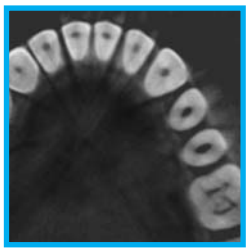
Easy to use

The Kodak 9000 3D system features a streamlined user-interface and computer-controlled system. It comes with simple, integrated 3D imaging software creating the complete solution.

Easy to position

In panoramic as well as 3D mode, patient positioning is effortless. The comfortable and convenient face-to-face design together with laser beams guarantee fast and correct alignment. In 3D mode, a pre-shoot option even double-checks the proper positioning of the unit.





Axial

Coronal

Sagittal

New, confident diagnoses

A new perspective

The Kodak 9000 3D system gives you a new way of looking at dental structures and pathologies. You get all your information more clearly and all the angles and slices you need within the volume acquired.

A new exactitude

With 3D imaging, you obtain precise visualization of dental structures in their actual spatial representation. You can display axial, coronal, sagittal, and custom slices.

Meanwhile, the three-dimensional reconstruction provides a reassuring "true to life" view of dental structures for confident diagnoses.

New technology, new applications

You can use your Kodak 9000 3D system for an array of applications, including: endodontics, implantology, surgery, fracture and periapical lesion assessment.

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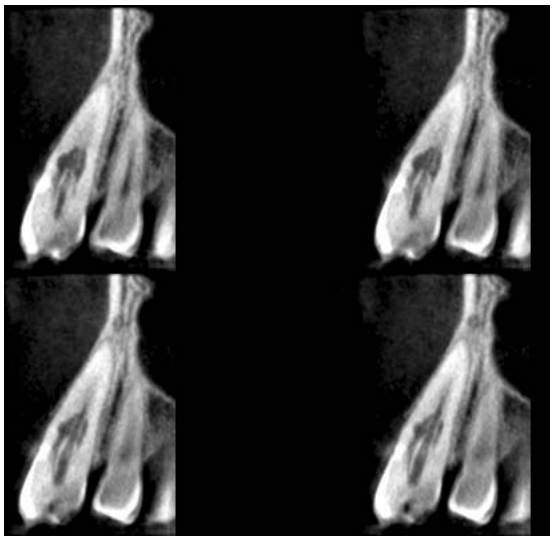
Clinical cases

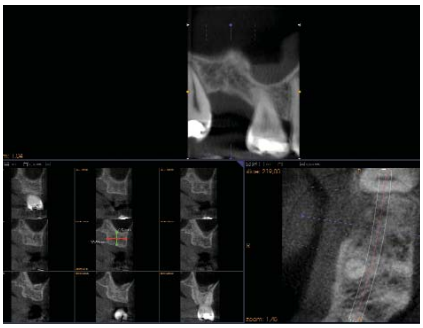
a



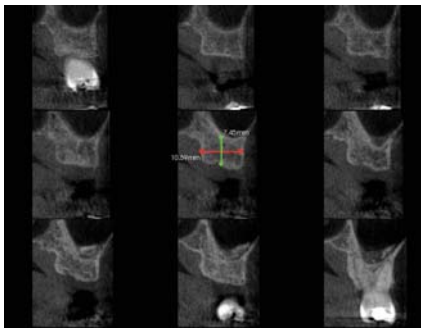
b

Degeneration of a canine

Axial (a) and sagittal (b) images show the degeneration of a lower canine with significant dentine resorption. There is a large area of radioluminescence which clearly demonstrates the full extent of this pathological process. There is a white line around the root canal indicating additional activity within the pulpal tissue.



a



b

Implant planning

Before single implant surgery, 3D images (a) provide thorough assessment of the bone volume. An orthogonal slices template (b) can be generated automatically with an adjustable step between slices (from 0,076 mm to 2 mm).

Two quick measurements provide the height and diameter of the implant to be placed. The measurements' layers can be moved over each slice to select the most suitable implant in the desired region.

Simple solution, simple software

Flexible and functional software

The Kodak 9000 3D system comes with comprehensive dental imaging software, performing both 2D and 3D imaging. Its 3D module is versatile, simple, and effective integrating all the essential functions: measurements, multiplanar review, 3D volume review, and orthogonal views to name but a few.

Easy sharing, easy integration

The Kodak 9000 3D system generates DICOM format images, the international standard for medical images. Furthermore, the system is controlled by the same Kodak dental imaging software used for all of our Kodak digital imaging systems. Hence, it's easier to learn to operate and simpler to integrate into your practise. You'll save time and gain in productivity.

Concentrated power

Expanding care and expanding services

By harnessing the Kodak 9000 3D system's powerful technology, you can perform a wider range of diagnoses and treatments in your office. Hence, you'll reduce multiple visits and rescheduling, saving you and your patients time and money. Ultimately, the Kodak 9000 3D system delivers the possibility of exceptional improvement in your care and services.

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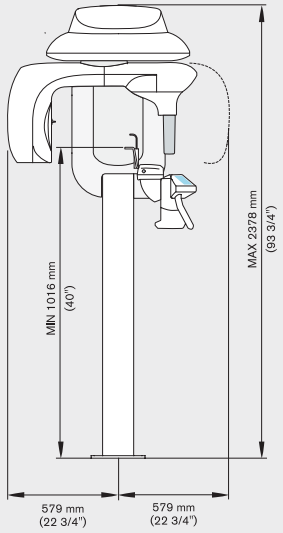
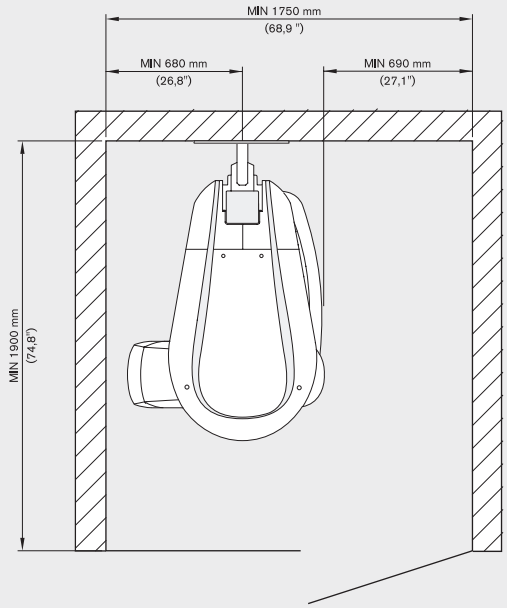
Technical specifications

Tube voltage	60 - 90 kV (max)
	Pulsed mode for 3D modality
Tube current	2 - 15 mA (max)
Frequency	140 kHz (max)
Tube focal spot	0.5 mm (IEC 336)
Total filtration	> 2.5 mm eq. Al
3D Modality	
Technology	Digital Volumetric Tomography (DVT)
Sensor technology	CMOS sensor with optical fiber
Gray scale	16384 - 14 bits
Volume size	50 x 37 mm
Voxel size	76 x 76 x 76 µm (isotropic voxel)
Reconstruction time	Depends on the PC
Panoramic Modality	
Sensor technology	CCD Optical fiber sensor
Gray scale	16384 (14 bits)
Magnification	1.27
Exposure time	Adult panoramic 13.9 sec.
	Pediatric panoramic 13.2 sec.
Programs	12 anatomical settings
Radiological exam options	• Panoramic
	• Segmented panoramic
	• Maxillary sinus
	• LA TMJ x2
	• LA TMJ x4
Input voltage	• 230-240 V - 50/60 Hz
	• 100-110-130V - 50/60 Hz
Weight	160 kg





Would you like to know more?

To schedule a demonstration or to receive further information, please call:

0800 89 51 13 **(United Kingdom, toll-free number)**
1800 55 49 97 **(Ireland, toll-free number)**
800 1 71 49 **(Denmark, toll-free number)**
0800 11 49 01 **(Finland, toll-free number)**
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