Would you like to know more?

To schedule a demonstration or to receive further information, please contact your authorized dealer or visit our website: www.my90003d.com
Innovation made simple

We believe in innovation. We always have. In fact, our products have consistently distinguished themselves as groundbreaking solutions to real challenges.

Nevertheless, innovation alone won’t do. Products must also be easy to understand and operate. Consequently, our design philosophy has always emphasized a commitment to practical ingenuity. In other words, we make sure innovation remains simple, while staying focused on the evolving needs of modern dentistry.

Today’s practitioner requires diagnostic tools that are complete and incomparably effective. This was our inspiration in creating the Kodak 9000 system, the single yet modular unit answer to the diagnostic needs of dentists, orthodontists, and maxillo-facial surgeons alike.
A three-in-one solution

One unit for all your diagnostic needs

With the possibility of blending three technologies into one, the Kodak 9000 system is the multi-faceted solution to fit all practitioners’ needs. It’s the ideal and complete diagnostic tool that incorporates cutting-edge panoramic, cephalometric and 3D imaging.

Panoramic imaging
- Produces complete dentition overview, the ideal first step before treatment
- Adjustable focal trough
- Easy and precise positioning
- User-friendly interface

Cephalometric imaging
- Provides an array of projections and software functions for cephalometric analysis
- "One shot" technology
- High quality images
- Productivity enhancement
- Automatic tracings
- Compact and convenient design

The keys to the KODAK 9000 System

Innovation and simplicity
- With the Kodak 9000 system, technology and innovation do not come at the expense of ease of use. A user-friendly design, dedicated application sensors, and automatic landmark recognition are all aspects of a system that has been conceived to generate optimal work conditions for comfort and effectiveness.

Good economic sense
- Providing exceptional value for the money, the Kodak 9000 system makes 3D imaging accessible now more than ever before. It saves time, improves patient treatment, enhances your communication and adds value to your care. The return on investment from a device boasting so many innovations is immediately measurable.

3D imaging
- Yields anatomically correct three-dimensional images directly onscreen
- Low radiation exposure
- Accessibly priced
- Easy to install and to operate

Superb image quality
- The technologies employed are designed to deliver maximum image quality. The unit features a high frequency generator, an adjustable focal trough, "one shot" cephalometric capability, and ultra-high resolution 3D imaging. In other words, in each mode, high-end technology yields optimized results and security.
3D benefits everyone

3D imaging can finally be your reality. With the Kodak 9000 3D system, you can perform 3D exams quickly and easily in your very own practice. Not only is the unit affordably priced, it’s easy to use and to integrate. Furthermore, with low dose radiation exposure, it’s designed for daily use by all dental professionals, be they specialists or generalists. The Kodak 9000 3D system represents a sea change, dramatically expanding the scope of your radiographic equipment.

The advantage of 3D localized views
The Kodak 9000 3D system boasts a localized field of view for high resolution images and voxel size. It provides a higher level of detail for single teeth, making it ideal for most local dental applications, even the most demanding ones, such as endodontics and single implants.

The security of low-dose 3D imaging
Furthermore, with localized viewing, capture and exposure are confined to the dental region of interest, thereby respecting the radiographic principle of ALARA (As Low as Reasonably Achievable). The average delivered dose for a single 3D exam performed with the Kodak 9000 system represents one to three days of natural daily exposure. More significantly, it represents ten to thirty times less exposure than competing systems.

In essence, while improving image quality, localized 3D images also provide better protection for patients.

<table>
<thead>
<tr>
<th></th>
<th>Effective dose µSv</th>
<th>Equivalent daily effective dose (2400µSv/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital panoramic*</td>
<td>7 to 22</td>
<td>1 to 3 days</td>
</tr>
<tr>
<td>3D exam performed with Kodak 9000 3D system*</td>
<td>5 to 19</td>
<td>1 to 3 days</td>
</tr>
<tr>
<td>3D exam performed with competing 3D systems **</td>
<td>68 to 600</td>
<td>10 to 91 days</td>
</tr>
</tbody>
</table>

* Sources: Institut de la Radioprotection et de la Sûreté Nucléaire (IRSN) – Rapport 2008-07
** Sources: Ludlow JB, Dosimetry of CBCT Units for Oral and Maxillofacial Radiology

Accurate, safe, and simple

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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. Images are displayed in axial, coronal, sagittal, and custom slices. Meanwhile, the three-dimensional reconstruction provides a reassuring and exact 1:1 scale. This “true to life” view of dental structures unquestionably facilitates effective communication.

3D, the perfect complement
3D imaging takes nothing away from the usefulness of traditional 2D imaging. On the contrary, they are perfectly complementary. The panoramic and cephalometric image provide a global view/image while 3D goes into precise tooth detail, delivering complementary information to refine your diagnosis.

3D can be simple
3D easy to adopt
With the Kodak 9000 3D system, sending your patients to the radiologist is a thing of the past. In less than two minutes and on site, you can produce a dynamic 3D exam from which you can extract all the information you need. Consequently, with treatments requiring planning over time such as implants and surgery, you reduce the number of visits and the length of treatment. In diagnosis, you can obtain complementary information while in your clinical setting, allowing you to make the right decision on the spot.

3D is easy to use and easy to position
The Kodak 9000 3D system features a streamlined user-interface and computer-controlled system. Hence, performing a 3D exam is quick and simple. Patient positioning is facilitated by a unique bite block and set of lateral holders. You can choose the region of interest on your computer and the device positions itself there, automatically. A laser beam then allows you to adjust positioning.

New, confident diagnoses
A new perspective
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3D imaging used at different stages of implant treatment.
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 and TMJ assessment.

**Implantology**
What you see on screen is what you get inside the mouth

- Evaluate bone volume and quality
- Identify and mark anatomical obstacles (mandibular canal, sinus)
- Take precise measurements
- Work in 1:1 "true-to-life" scale
- Plan implants using the Kodak 3D module
- Control post-op osteo-integration

**Endodontics**
Obtain extraordinary detail at low exposure levels

- Precisely examine root anatomy (curvature, length, number of roots)
- Establish reasons for endodontic failure
- Identify anatomical elements in region of interest
- Define endodontic surgical protocol

**Surgery**
Prepare with complete precision

- Identify relation between impacted teeth and organs to protect
- Visualize cysts and periapical lesions
- Define surgical protocol for impacted teeth extraction, cyst removal or periapical lesion treatment

**Diagnosis**
Work in complete confidence

- Identify impacted or misplaced teeth
- Single out fractures and periapical lesions
- Determine pathologies
- Visualize TMJ

**Orthodontics**
Complement your cephalometric and panoramic imaging

- Diagnose complex impactions, supernumeraries, tooth anomalies
- Assess incisor alveolar bone
- Visualize TMJ
- Assess and plan micro-implants
Easy sharing
The Kodak 9000 3D system generates DICOM format images, the international standard for medical images. Volumes can therefore be exported to other software for implant planning or any DICOM compatible software. Similarly, the Kodak 9000 3D system software can import DICOM images from other 3D systems. To further simplify sharing of results, you can also easily make print-outs and lightweight screen captures that are effortlessly managed and transmitted.

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

Implant planning module
The software comes standard with an implant planning module to spot exact implant placement, to take measurements (both distances and angles), and to mark the mandibular canal. It also allows you to choose the size and shape of implants in order to create a simulation that’s as close to reality as possible. There’s really no need to invest in implant planning software anymore. All the tools are already at your disposal.

Simplified collaboration

Easy integration
As the system is controlled by the same Kodak dental imaging software used for all of your Kodak digital imaging systems, it’s easier to learn to operate and simpler to integrate into your practice. You’ll save time and gain in productivity.
Panoramic technology, very much essential

Panoramic technology, very much essential

The panoramic examination is an indispensable first step for the overwhelming majority of dental treatments. It maintains all its diagnostic usefulness even when paired with 3D.

The Kodak 9000 system is the true high performance digital panoramic unit. It boasts the same user-friendliness that made its predecessor a success, in addition to an array of new high-end features for greater flexibility and improved efficiency. The device can be fitted with 3D and cephalometric imaging modules at a later date if so desired.

High-tech, low strain

Easy and precise positioning

The chief cause of panoramic exam failure is incorrect patient positioning. So it’s no accident if the Kodak 9000 system employs the same face-to-face arrangement that was so successful in previous panoramic units. It facilitates proper positioning, thereby reducing the risk of retakes.

Two laser beams help adjust the patient appropriately: the Frankfurt plane and the sagittal median plane. The chin rest, lateral holders and bite block then ensure patient stability.
High grade results

Complete automation for total focus
Thanks to a series of automated programs, the device can minimize the need for operator handling. Program selection occurs directly on the computer through a user-friendly and intuitive interface where settings are pre-programmed. In fact, because sensor selection (panoramic, cephalometric or 3D) is automatic and does not require any handling, you effectively limit the risk of damaging the most sensitive and expensive part of the unit.

Convenient operation

Multiple programs covering all 2D diagnosis needs:

- Standard panoramic
- Child panoramic
- Segmented panoramic
- Maxillary sinus
- TMJ x4 LA
- TMJ x2 LA

Traditional, yet innovative
Because 2D imaging is still entirely relevant, it warrants the same care afforded to emerging technologies. Hence, the Kodak 9000 3D system has benefitted from multiple enhancements.

Fully automated and adjustable
The unit is fully motorized and features an adjustable focal trough. Thus, the system overcomes the difficulties tied to even the most challenging of patient morphologies. In essence, high-end functionalities yield high quality results.

Adjustable focal trough
Because not all sets of jaws are alike, the Kodak 9000 system’s focal trough and trajectory change according patient jaw morphology and incisor orientation. The more closely the focal trough follows the jaw, the finer the images. In addition, this function reduces artefacts resulting from undesired objects located outside the focal trough. Of course, the Kodak 9000 system also includes all the other technologies essential to ensuring high quality results: a high frequency generator, a CCD sensor, and spinal shadow compensation.

Focal trough adaptable to jaw morphology, for optimized image quality:

- ‘U’, ‘V’ or Square jaw shape
- Large, medium or small jaw size
- Standard, inward or outward incisor tilt
Cephalometric

Consistently ahead of its time

The new cephalometric module in the Kodak 9000 product portfolio, a third generation optimization of the acclaimed unit, addresses virtually every type of practitioner’s needs. It delivers exceptional image quality thanks to exclusive and best in class “one shot” technology. It also boosts productivity due to practical innovations such as automatic landmark tracing.

In a way, it’s the best of all possible worlds. Orthodontic, maxillofacial surgery, and multi-disciplinary practices can benefit from state-of-the-art cephalometric imaging that is at the heart of their care, while adding, when appropriate, ideally complementary and transformative 3D imaging technology.

Fully flexible imaging

The “one shot” difference

Thanks to its state-of-the-art “one shot” technology, acquisition takes less than a second, thereby reducing exposure time and the risk of retakes due to patient movement. Image quality is optimized thanks to the minimization of image distortion common to cephalometric scan technologies. Put simply, thanks to “one shot” technology you’ll feel like you’re operating a film cephalometric unit, but with all the advantages of digital.

The broadest range of image formats

Thanks to its motorized collimator, the Kodak 9000C system is the only unit on the market to offer as broad a range of cephalometric formats. It suits any orthodontic tracing need, from our exclusive full skull (12x12 in.), to standard (8x10 in.) and small field for lower dose exposures. You can thus limit the exposure zone to patient morphology or to the exam being performed. Furthermore, the system generates lateral, frontal, submento-vertex, oblique and carpus images with constant reproducibility.

Scanning systems: Require patients to remain immobile 8 to 14 seconds.

“One-shot”: Patients’ craniums are exposed all at once in little more than a second. The result drastically reduced risk of patient movement and image retakes.
Orthodontic pre-set filters
Our uniquely simple and powerful software also features orthodontic pre-set filters that improve image clarity with one click and an automatic filter that outlines soft tissue.

Cephalometric programs

Optimize the visualization of hard and soft tissues using three orthodontic pre-set filters.

Lateral full skull

Frontal PA

Frontal AP

Submento vertex

Carpus

Exclusive automatic tracings

From image to tracings in the blink of an eye
The unit’s software is capable of recognizing landmark and anatomical structures and tracing them in less than a minute*. All the time you save allows you to focus on tasks of greater added value. Of course, you can always adjust point positions and tracing afterwards if need be.

* depending on image format and computer configuration.

Use pre-existing templates or edit your own
The software offers a list of at least thirteen different structures and twenty-six different points, covering the most common analysis needs (Ricketts, McNamara, Steiner, Tweed). The editor allows you to personalize your tracing and to create your own templates. Once created, all you need to do is select the template and the software automatically performs the tracings. Conveniently, the tracings can also be exported to other cephalometric software.

Software that makes a difference
Technical specifications

**Cephalometric**

- **Technology**: One shot
- **Sensor technology**: CCD - Optical fibre sensor
- **Gray scale**: 16384 (14 bits)
- **Magnification**: 1:1.5
- **Exposure time**: 0.1 to 3.2 sec.
- **Cephalometric exam options**: Lateral, Oblique, Frontal (AP / PA), Submento-vertex, Carpus
- **Cephalometric formats**: 18 x 18 cm - 18 x 24 cm - 24 x 24 cm
  - 24 x 30 cm - 30 x 30 cm
- **Weight**: Kodak 9000 / 9000 3D: 160 kg
  - Kodak 9000C / 9000C 3D: 199 kg

**Unit dimensions**

KODAK 9000 / 9000 3D Systems

- Minimum operational required space*: Width x depth: 1500 mm (69") x 1700 mm (79")

KODAK 9000C / 9000C 3D Systems

- Minimum operational required space*: Width x depth: 2230 mm (88") x 1700 mm (79")

* refer to local regulatory statements
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Innovation, in reach