



The complete guide to KODAK Dental Systems products

Product guide

Why have we created this product guide?



This brochure aims to help you choose the right KODAK Dental Systems products for the dental practice.

With this in mind, we have summarised the most important advantages and selling points of our digital radiography and imaging systems.

For further information please contact your local authorised dealer:



Register your product online and get an additional year of warranty!

<http://register.kodakdental.com/eamer>

Visit our website: www.kodakdental.com

E-mail: europedental@cshdental.com

 <p>...the best sensor - Wireless!</p> <p>KODAK RVG 6500 System</p>	 <p>...optimised for digital!</p> <p>KODAK 2200 System</p>  <p>...the best sensor!</p> <p>KODAK RVG 6100 System</p>	 <p>KODAK 2100 System</p>  <p>KODAK RVG 5100 System</p>	X-ray units	KODAK 2200/2100
 <p>The 3-in-1 solution: panoramic, cephalometric and 3D</p> <p>KODAK 9000 System KODAK 9000 3D System</p>	 <p>Panoramic and Ceph systems with outstanding high quality images</p> <p>KODAK 8000 System</p>  <p>KODAK 9000C System KODAK 9000C 3D System</p>	 <p>KODAK 8000C System</p>  <p>...large volume, especially for oral and maxillofacial surgery, orthodontics and implantology</p> <p>KODAK 9500 System</p> 	Digital extraoral radiography	KODAK 8000/8000C KODAK 9000/9500
 <p>A unique intraoral and panoramic digital solution</p> <p>KODAK CR 7400 System</p>	 <p>Superb images at the touch of a button - The ideal conversation starter!</p> <p>KODAK 1500 Camera</p>		Computed radiography Intraoral camera	KODAK CR 7400 KODAK 1500
 <p>...one software for all products!</p> <p>KODAK Dental Imaging Software</p>	 <p>LOGICON Caries Detector Software</p>		Software	KDIS/LOGICON

Intraoral radiography

KODAK 2200 Intraoral X-Ray System

Ensure superior digital image quality in any environment with the Kodak 2200 system. Designed for safety and efficiency, the intuitive unit helps you make more accurate diagnoses.

Features and benefits

- Total control on tube voltage (60 or 70 kV) for high contrasted or high latitude images depending on examination requirements
- Intuitive and easy-to-use thanks to its user's interface including a dental arch timer
- Maximum image quality with minimum exposure for better patient treatment thanks to its pre-programmed control unit
- Optimized for Kodak RVG sensors as well as for Kodak film
- High frequency for better patient safety - reduces the radiation dose up to 25% in comparison with a standard generator
- Premium generator at an exceptional price
- After each exposure, the dose level is displayed for simple dose monitoring
- Multiple configurations available, including ceiling mount and a new wall mounting option fully compatible with the Irix installed base



Recommended resale price

Kodak 2200 system € 2,999

Ordering information

Irix mount series

Kodak 2200 system for Irix replacement with short arm (170 cm) Cat. No. 5159652
Kodak 2200 system for Irix replacement with standard arm (188 cm) Cat. No. 5159645
Kodak 2200 system for Irix replacement with long arm (205 cm) Cat. No. 5159660

Wall mount series

Kodak 2200 system with short arm (170 cm) Cat. No. 5153580
Kodak 2200 system with standard arm (188 cm) Cat. No. 5153572
Kodak 2200 system with long arm (205 cm) Cat. No. 5153564



Complete unit with wall mount for replacing existing IRIX systems as well as a variety of other popular manufacturers' systems. Existing holes can be used for wall mounting

Technical specifications

Power supply	230 – 240 V
X-ray generator	Very high frequency – DC (300 kHz)
Tube voltage:	60 kV, 70 kV
Tube current:	7 mA
Focal spot:	0.7 mm IEC
Focal spot/skin distance	200 mm (8 in)

X-ray units are also available with 100-110-130 V.

Intraoral radiography

KODAK 2100 Intraoral X-Ray System

Obtain sharp, high contrast images quickly and easily with this affordable high-frequency generator - ideal for your basic intraoral needs.

Features and benefits

- High-frequency DC technology at the price of a conventional generator
- Easy-to-use and fast-setting generator thanks to its improved timer design
- Sharp and high-contrast images for easy diagnosis
- Dose display after each exposure
- Ideal for digital sensors or analog films



Recommended resale price

Kodak 2100 system € 2,599

Ordering information

Arm lengths available

Kodak 2100 system with short arm (170 cm)	Cat. No. 5153671
Kodak 2100 system with standard arm (188 cm)	Cat. No. 5153663
Kodak 2100 system with long arm (205 cm)	Cat. No. 5153655

Technical specifications

Power supply	230 – 240 V
X-ray generator	Very high frequency – DC (300 kHz)
Tube voltage	60 kV
Tube current	7 mA
Focal spot	0.7 mm IEC
Focal spot/skin distance	200 mm (8 in)

X-ray units are also available with 100-110-130 V.

Digital intraoral radiography

KODAK RVG 6500 System

As the first RVG sensor to offer Wi-Fi compatibility and an Intelligent Positioning System (IPS), the Kodak RVG 6500 system delivers the same exquisite image quality as our wired models.

Features and benefits

- Wi-Fi connectivity for faster and more secure image transfer
- Superior image quality for enhanced diagnostic capability thanks to the highest true resolution in the industry (20 line pairs/mm)
- Accurate positioning thanks to an exclusive Intelligent Positioning System (IPS) to help ensure the x-ray beam and sensor are accurately aligned and angulated
- Improved positioning for less retakes and increased productivity in the practice
- Compatible with the iPod touch and iPhone for enhanced portability in and outside the practice
- Great patient comfort with sensor rounded corners
- Sensors available in three sizes*
- Robustness & Reliability

*IPS functionality not available with size 0 sensor.

Recommended resale price

RVG 6500 size 1 sensor	€	6.999
RVG 6500 size 1 sensor with IPS	€	7.999
24 months warranty extension - size 1	€	499
RVG 6500 size 2 sensor	€	7.999
RVG 6500 size 2 sensor with IPS	€	8.999
24 months warranty extension - size 2	€	599

Order information

RVG 6500 size 1 sensor	Cat. No.	5159702
RVG 6500 size 1 sensor with IPS	Cat. No.	5159728
Warranty extension	Cat. No.	7423452
Hygienic sheaths size 1 sensor	Cat. No.	5155239

RVG 6500 size 2 sensor	Cat. No.	5159710
RVG 6500 size 2 sensor with IPS	Cat. No.	5159736
Warranty extension	Cat. No.	7423494
Hygienic sheaths size 2 sensor	Cat. No.	5155221

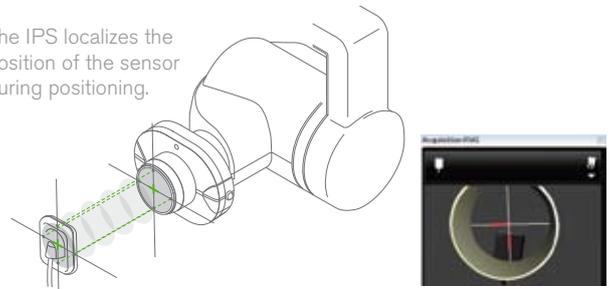
Logicon software (see page 23)



The RVG 6500 system comes with various accessories, including a sample pack of disposable hygienic sheaths, positioners, and mounting holder.



The IPS localizes the position of the sensor during positioning.



The software displays real-time notifications regarding the position of the x-ray beam in relation to the sensor.

Technical specifications:

Sensor technology	CMOS, scintillator, optical fiber with shock-resistant protective layer		
	Sensor size 0	Sensor size 1	Sensor size 2
True image resolution	15 lp/mm	>20 lp/mm	>20 lp/mm
Pixel size	18.5 µm	18.5 µm	18.5 µm
Outside dimensions	22.2 x 30.8 mm	27.5 x 37.7 mm	32.2 x 44.1 mm
Dimensions of active area	17 x 22 mm	22 x 30 mm	27 x 36 mm
Matrix dimensions (pixels)	900 x 1200	1200 x 1600	1440 x 1920
Wireless technology	Wi-Fi 802.11 g		
Battery	Lithium		
Control box dimensions (non-IPS wireless)	83 (H) x 47 (W) x 16 (D) mm		
Control box dimensions (with IPS)	83 (H) x 47 (W) x 21 (D) mm		

IMPORTANT NOTE:

Only Kodak dental imaging software version 6.12 or higher can operate RVG 6500 system.

Operating system

• XP SP2/SP3 with DirectX 9.0c or higher, Windows Vista (Home Premium, Business, Ultimate Editions) or Windows 7 32 bits or 64 bits (Home Premium, Professional, Ultimate)

Important System Requirements: Minimum requirements: 2 GHz Intel Duo Core, 2 GB RAM, Hard disk drive: 1.2 GB for software installation, 80 GB free space for software

Digital intraoral radiography

KODAK RVG 6100 Digital Radiography System

Can be used for all dental x-ray procedures but is especially suited for endodontics where a high degree of image detail is required.

Features and benefits

- The best sensor technology in the market for 25 years
- Highest measurable resolution (20 line pairs/mm) for quick and confident diagnoses
- The unrivalled detail reproduction you need for complex examinations
- Ergonomically designed for easy and accurate positioning
- Rounded corners for your patients' ease
- Pediatric size 0 with up to 40% less radiation than larger sensors
- USB cable – easy handling and flexible - for use in multi chair practices

Recommended resale price

RVG 6100 sensors sizes 1 and 0	€ 5,999
24-months warranty extension size 0	€ 899
24-months warranty extension sizes 1	€ 499
RVG 6100 sensor size 2	€ 6,999
24-months warranty extension size 2	€ 599

Ordering information

RVG 6100 size 1 sensor	Cat. No. 5154828
Warranty extension	Cat. No. 7423452
Hygienic sheaths size 1 sensor	Cat. No. 5155239
RVG 6100 size 2 sensor	Cat. No. 5154810
Warranty extension	Cat. No. 7423494
Hygienic sheaths size 2 sensor	Cat. No. 5155221
RVG 6100 size 0 sensor	Cat. No. 5155114
Warranty extension	Cat. No. 7423825
Hygienic sheaths size 0 sensor	Cat. No. 5155205

Logicon software (see page 23)



The RVG 6100 system comes with various accessories, including a sample pack of disposable hygienic sheaths, positioners, and mounting holder.



KODAK RVG
6500/6100/5100

Technical specifications

Theoretical resolution	27.03 lp/mm
Pixel size	18.5 micrometers
Technology	Sensor with optical fiber technology
Connection	USB 2



	Sensor size 0	Sensor size 1	Sensor size 2
Actual image resolution	15 lp/mm	> 20 lp/mm	> 20 lp/mm
Purpose	Pediatric examinations	All-purpose sensor	Bitewing examinations
External dimensions	22.2 x 30.8 mm	27.5 x 37.7 mm	32.2 x 44.1 mm
Dimensions	17 x 22 mm	22 x 30 mm	27 x 36 mm
Active area	(374 mm ²)	(660 mm ²)	(972 mm ²)
Number of pixels	1.08 million	1.92 million	2.76 million
Delivery scope	USB hub + 5 m connection cable		

IMPORTANT NOTE:

Only Kodak dental imaging software version 6.12 or higher can operate RVG 6100 system.

Operating system

- XP SP2/SP3 with DirectX 9.0c or higher, Windows Vista (Home Premium, Business, Ultimate Editions) or Windows 7 32 bits or 64 bits (Home Premium, Professional, Ultimate)
- Mac OS on request

Important System Requirements: Minimum requirements: 2 GHz Intel Duo Core, 2 GB RAM, Hard disk drive: 1.2 GB for software installation, 80 GB free space for software

Digital intraoral radiography

KODAK RVG 5100 Digital Radiography System

Affordable high quality digital imaging solution for all applications.

Features and benefits

- True resolution of 14 line pairs/mm - equivalent to or better than most of the other manufacturers' sensors
- Second only to the RVG 6500 and RVG 6100 systems in image quality
- Cable positioned on the back of the sensor for precise and effortless positioning
- Rounded corners for increased patients' comfort
- Easy handling and flexibility thanks to USB cable
- Excellent for use in multiple chair practices



Recommended resale price

RVG 5100 size 1 sensor	€ 4,499
24-months warranty extension - size 1	€ 499
RVG 5100 size 2 sensor	€ 5,499
24-months warranty extension - size 2	€ 599

Ordering information

RVG 5100 size 1 sensor	Cat. No. 5154802
Warranty extension	Cat. No. 7423361
Hygienic sheaths size 1 sensor	Cat. No. 5155239
RVG 5100 size 2 sensor	Cat. No. 5154794
Warranty extension	Cat. No. 7423387
Hygienic sheaths size 2 sensor	Cat. No. 5155221
Logicon software (see page 23)	



The RVG 5100 system comes with a RINN XCP-Ora kit.

Technical specifications

For both sensors

True image resolution	14 lp/mm
Theoretical resolution	27.03 lp/mm
Pixel size	18.5 micrometers
Technology	Sensor with optical fiber technology
Connection	USB 2



	Sensor size 1	Sensor size 2
Purpose	All-purpose sensor	Bitewing examinations
External dimensions	27.5 x 37.7 mm	32.2 x 44.1 mm
Dimensions of active area	22 x 30 mm (660 mm ²)	27 x 36 mm (972 mm ²)
Number of pixels	1.92 million	2.76 million
Delivery scope	USB hub + 5 m connection cable	

IMPORTANT NOTE:

Only Kodak dental imaging software version 6.12 or higher can operate RVG 5100 system.

Operating system

- XP SP2/SP3 with DirectX 9.0c or higher, Windows Vista (Home Premium, Business, Ultimate Editions) or Windows 7 32 bits or 64 bits (Home Premium, Professional, Ultimate)
- Mac OS on request

Important System Requirements: Minimum requirements: 2 GHz Intel Duo Core, 2 GB RAM, Hard disk drive: 1.2 GB for software installation, 80 GB free space for software

- Mac OS on request

Comparative Matrix for RVG Range

Features	RVG 6500 System with IPS	RVG 6500 System	RVG 6100 System	RVG 5100 System
Intelligent Positioning System (IPS)	✓	✗	✗	✗
Connectivity	Wi-Fi	Wi-Fi	USB2	USB2
True resolution	> 20 lp/mm	> 20 lp/mm	> 20 lp/mm*	14 lp/mm
Sensor size	1 - 2	0 - 1 - 2	0 - 1 - 2	1 - 2
iPhone / iPod touch acquisition feature	✓	✓	✗	✗
iPhone / iPod touch review feature	✓	✓	✓	✓
Sensor waterproofness	✓	✓	✓	✓
Twain compatibility	✓	✓	✓	✓
Positioning accessories delivered with the system:				
	✓	✓	✓	✓
RINN XCP-ORA kit	✓	✓	✓	✗
RINN type baskets	✓	✓	✓	✗
Toothbrush type holders	✓	✓	✓	✗
Special Size 0 kit**	N/A	✓	✓	N/A

*Size 0 resolution: 15 lp/mm

**Only with size 0 sensor

Applications	Size 0	Size 1	Size 2
Systems	RVG 6500* / 6100 Systems	RVG 6500 / 6100 Systems	RVG 6500 / 6100 Systems
General diagnostics	●●●	RVG 5100 System	RVG 5100 System
Caries detection	●●●	●●	●●●
Endodontics	●●●	●●	●●●
Implantology	●●●	●	●
Pedodontics	●●●	●●	●●●
Periodontics	●●●	●	●●●

● Good ●● Better ●●● Best

* Size 0 sensor not available with RVG 6500 system with IPS

Digital extraoral radiography

KODAK 8000 Digital Panoramic System

The perfect solution for your everyday panoramic needs.

Features and benefits

- Convenient and unique face-to-face patient positioning provides easy access for all patients, including those with disabilities
- High image quality with less radiation generation than conventional generators for improved patient treatment
- Programs available for all examination needs – TMJ, panoramic, segmented panoramic and maxillary sinus images, adult and paediatric applications
- Intuitive computer user interface offers simple and precise image processing
- Real-time diagnosis with instant acquisition and visualization for time saving and higher productivity
- Reliable, affordable and easy to integrate
- Upgradable to the Kodak 8000C system for cep



Ordering information

Kodak 8000 system patient entry on the right	Cat. No. 1912450
Kodak 8000 system patient entry on the left	Cat. No. 8849846
Warranty extension	Cat. No. 7424864
Bite block panoramic procedures (5x)	Cat. No. 5157565
Bite block edentulous patients (2x)	Cat. No. 5157581

Recommended resale price

Kodak 8000 system	€ 23,999
24-months warranty extension	€ 999

Technical specifications

Unit dimensions	888 x 1,180 x 2,315 mm (L x D x H)
Positioning on the patient	Frontal with 3 laser beams and four-point head cover
Image acquisition	Direct and in real time
Gray scale	16384: 14 bits
Radiography mode	Panoramic images Segmented panoramic images Maxillary sinus images TMJ, 2 lateral views TMJ, 4 lateral views
Power supply	230 to 240 V/50 Hz
X-ray generator	High frequency (max. 140 kHz)
X-ray tube voltage	60 to 90 kV (in 1 kV steps)
X-ray tube current	2 to 15 mA
Focal spot	0.5 mm IEC
Digital sensor	CCD sensor and optical fiber plate
Matrix dimensions	2,850 x 1,348 pixels (pixel size = 96 µm)
Effective resolution	identical to film

Panoramic devices are also available with 60 Hz and with 100 to 130 V. For further options please contact your local authorised dealer.

Minimum system requirements

Microprocessor	1 GHz, 32-bit processor (Pentium or equivalent – Intel)
Hard-disk drive	40 GB (80 GB recommended)
RAM	256 MB (512 MB recommended)
Operating system	Windows 2000 SP4 or Windows XP Home / Pro edition SP2
Monitor	1 monitor, 17" or larger Minimum screen resolution of 1,024 x 768 - 32-bit color mode
Computer type	Multimedia
CD / DVD Drive	A DVD-ROM drive is required to install the imaging software
Backup systems	High-capacity systems with magnetic media
Ethernet interface	1 Ethernet interface (100 Mbits): point-to-point link between equipment and PC. 1 additional Ethernet interface (100 Mbits) if the PC is connected to a LAN and/or WAN

Digital extraoral radiography

KODAK 8000C Digital Panoramic and Cephalometric System

An affordable system from the inventor of "one shot" technology for clear and perfectly exposed cephalometric images in seconds.

Features and benefits

- "One shot" technology captures the image in less than a second reducing exposure time and risk of blurred images
- No retakes and outstanding image sharpness thanks to the short exposure times for excellent diagnosis
- Unique image format 20 x 26 cm
- Two-sensor system for improved reliability - no handling from panoramic to ceph mode required
- Convenient patient positioning for better treatment
- 6 cephalometric programs to answer all the examination needs
- 3 automatic ortho enhancement filters revealing even more detail
- User-friendly, easy to learn computer-controlled user interface for fast program settings – almost no training needed
- Minimal space requirement (only 2.30 m width)



KODAK 8000/8000C

Recommended resale price

Kodak 8000C system	€ 44,999
24-months warranty extension	€ 1,499

Ordering information

Kodak 8000C system patient entry and ceph arm on the right	Cat. No. 8479511
Kodak 8000C system patient entry and ceph arm on the left	Cat. No. 1761089
Warranty extension	Cat. No. 7424880

Technical specifications

Unit dimensions	2,250 x 1,261 x 2,315 mm (length x depth x height)
Dual CCD sensors (one for panoramic imaging and one for cephalometric imaging), with protective optical fibre plate	
Cephalometric image size	20x26 cm
Laser beam for patient positioning according to the Frankfurt horizontal plane	
Software soft-tissue filter	
Cephalometry modes	Lateral view Frontal views: AP or PA Oblique view Submento-vertex view Carpus view
Installation configuration	Left or right remote radiography device

Minimum system requirements

Microprocessor	1 GHz, 32-bit processor (Pentium or equivalent – Intel)
Hard-disk drive	40 GB (80 GB recommended)
RAM (working memory)	256 MB (512 MB recommended)
Operating system	Windows 2000 SP4 or Windows XP Home / Pro edition SP2
Monitor	1 monitor, 17" or larger Minimum screen resolution of 1,024 x 768 - 32-bit color mode
Computer type	Multimedia
CD / DVD Drive	A DVD-ROM drive is required to install the imaging software
Backup systems	High-capacity systems with magnetic media
Ethernet interface	1 Ethernet interface (100 Mbits): point-to-point link between equipment and PC. 1 additional Ethernet interface (100 Mbits) if the PC is connected to a LAN and/or WAN

Digital extraoral radiography

KODAK 9000 Extraoral Imaging System

High-end system for creating excellent digital panoramic images. Upgradable to 3D and/or Ceph.

Features and benefits

- Convenient and practical "face-to-face" positioning
- Excellent image quality thanks to focal trough adaptable to jaw morphology and improved sensor technology
- 5 panorama programs (see technical specifications) and 12 anatomical settings available
- User-friendly, computer-controlled user interface for fast program settings on the device and the software
- Compact design makes positioning easier than ever
- Upgradable to the Kodak 9000C system for ceph. For 3D, choose the Kodak 9000 3D system. For pan, ceph and 3D select the Kodak 9000C 3D system



Recommended resale price

Kodak 9000 system	€ 32,999
12-months warranty extension	€ 2,499

Ordering information

Kodak 9000 system	Cat. No. 5157433
Warranty extension	Cat. No. 5158753
Bite block panoramic procedures (5x)	Cat. No. 5157565
Bite block edentulous patients (2x)	Cat. No. 5157581

Technical specifications

X-ray generator	
X-ray tube voltage	60 – 90 kV (max.) pulsed mode for 3D modality
X-ray tube current	2 - 15 mA (max.)
Frequency	140 kHz (max.)
Tube focal spot:	0.5 mm (IEC 60336)
Total filtration	> 2.5 mm Al equivalent value
Panoramic sensor	CCD-optical fiber
Sensor matrix	61 x 1,244 pixels (6.3 x 129.4 mm)
Grayscale	16,384 - 14 bit
Magnification	1.22 (±10 %)
Exposure time	4 to 16 seconds (depending on patient type and program selection)
Programs	12 anatomical settings
Options for radiology examinations	Panoramic images Segmented panoramic images Maxillary sinus imaging Temporomandibular joints (x2) Temporomandibular joints (x4)

Accessories

Chin support for	Panoramic images TMJ x2 Paranasal sinus Nose support for temporomandibular joints x4 Standard bite block for panoramic images Bite block for edentate patients Single-use hygienic protective sheaths for bite blocks (carton of 500)
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System requirements

CPU	Intel Duo Core with 2 GHz
RAM	2 GB
Hard drive	1.2 GB for software installation 80 GB free space to use the software
Graphics card: NVIDIA/ATI-based graphic card with Open Glide 1.2 support and 256 MB video RAM and AGP x8 video bus (e.g. NVIDIA GeForce 6800 GT)	
Network connection	2 Ethernet network cards 100 Mbits for LAN 1,000 Mbits for system connection
Second network card (plug-in option)	
1 monitor, 43 cm or larger	
Minimum screen resolution of 1,024 x 768 - 32-bit color mode	

Digital extraoral radiography

KODAK 9000C Panoramic and Cephalometric System

2-in-1 system with panoramic and cephalometric functionality. One shot cephalometric imaging for higher image quality. Upgradable to 3D.

Features and benefits

- High-performance 2-in-1 radiography system (pan and ceph)
- The ideal choice for all of your orthodontic tracing needs
- Recognize landmark and anatomical structures and trace them automatically with our included Kodak dental imaging software
- Exclusive range of 5 image formats from 18x18 to 30x30 cm
- Highest quality cephalometric images within less than a second and with low radiation thanks to "one shot" technology
- 3 automatic ortho enhancement filters allows improving of image clarity and outlining soft tissue with just one click
- Upgrade to the 9000C 3D system with focused-field 3D imaging for even more diagnostic capabilities



Recommended resale price

Kodak 9000C system	€ 54,999
12-months warranty extension	€ 3,599

Ordering information

Kodak 9000C system - right entry	Cat. No. 5159041
Warranty extension	Cat. No. 5158746
Bite block panoramic procedures (5x)	Cat. No. 5157565
Bite block edentulous patients (2x)	Cat. No. 5157581

KODAK 9000/9500

Technical specifications

X-ray tube voltage	60 – 90 kV (max.)
X-ray tube current	2 – 15 mA (max.)
Frequency	140 kHz (max.)
Tube focal spot:	0.5 mm (IEC 60336)
Total filtration	> 2.5 mm Al equivalent value

Ceph mode	
Sensor technology	CCD
Sensor matrix	2,100 x 2,092 pixels
Image field	300 x 300 mm
Grayscale	16,384 - 14 bit
Magnification	1.14
Exposure time	0.1 to 3.2 seconds
Options for radiology examinations	Lateral Frontal AP or PA Oblique Submento-vertex Carpus
Image format size	18 x 18, 18 x 24, 24 x 24 24 x 30, 30 x 30

System requirements

CPU	Intel Duo Core with 2 GHz
RAM	2 GB
Hard drive	1.2 GB for software installation 80 GB free space to use the software
Graphics card: NVIDIA/ATI-based graphic card with Open Glide 1.2 support and 256 MB video RAM and AGP x8 video bus (e.g. NVIDIA GeForce 6800 GT)	
Second network card (plug-in option)	
1 monitor, 43 cm or larger	
Minimum screen resolution of 1,024 x 768 - 32-bit color mode	
Operating system	Windows XP Home / Pro edition SP2 Windows Vista 32-bit
Network connection	2 Ethernet network cards 100 Mbits for LAN 1000 Mbits for system connection
CD/DVD drive	CD-ROM drive for the installation

Accessories

Chin support for	Panoramic images TMJ Paranasal sinus Nose support for temporomandibular joints x4, Single-use hygienic protective sheaths for bite blocks (carton of 500)
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Digital extraoral radiography

KODAK 9000 3D Extraoral Imaging System

The Kodak 9000 3D system's focused-field of view is ideal for endodontics, implantology and dental surgery.

Features and benefits

- Affordable two-in-one solution, combining real 3D technology and real panoramic technology in a single system
- The system delivers 3D exams with the highest resolution in the industry and high quality panoramic image
- Lowest dose 3D exams in the industry* covering a wide scope of clinical needs
- Combines the benefits of focused field 3D imaging (50 x 37 mm) with 3D stitching program (up to 85 x 66 x 37mm)
- Easy to use and to integrate into the practice with our Kodak dental imaging software, intuitive 3D Module and without any sensor manipulation
- Face-to-face patient positioning reduces the risk of retakes

*According to study by ICRP: International Committee of Radio Protection



Recommended resale price

Kodak 9000 3D system	€ 64,999
12 months warranty extension	€ 3,999

Ordering information

Kodak 9000 3D system	Cat. No. 5157458
Warranty extension	Cat. No. 5158670
Bite block panoramic procedures (x5)	Cat. No. 5157565
Bite block edentulous patients (x2)	Cat. No. 5157581

Technical specifications:

Unit dimensions:	1158 (L) x 1595 (D) x 2378 (max H) mm
Patient positioning:	Frontal with 2 laser beams
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)

3D Modality

Technology:	Cone Beam Computed Tomography (CBCT)
3D Volume size:	50 x 37 mm (Diam x H)
Gray scale:	16384 - 14 bits
Voxel size:	76.5 x 76.5 x 76.5 µm

Panoramic Modality

Sensor technology:	CCD Optical fibre sensor
Radiological exam options:	Panoramic - Segmented panoramic - Maxillary sinus LA TMJ x2 - LA TMJ x4
Input voltage:	230-240 V - 50/60 Hz

Units also available as 100-130 V / 60 Hz. Please contact your Carestream Health sales representative for more information.

System requirements:

CPU	2 GHz Intel Duo Core
RAM	2 GB
Hard disk drive	1.2 GB for software installation 80 GB free space to use the software
Graphic board	512 MB of dedicated video memory required
Monitor	1 monitor 17" or larger 1024 x 768 minimum screen resolution
Operating system	Windows XP SP2, Windows Vista 32 bits (Home Premium, Business, Ultimate Editions)
Ethernet interface	2 Ethernet interfaces (100Mbps)
Accessories delivered with the system	- Patient holders for panoramic procedures: chin rest, bite block, bite block for edentulous patients, TMJ nose rest - Patient holders for 3D procedures: bite block support, 3D bite block - Hygienic sheaths for bite blocks
Minimum operational required space:	1500 mm x 1700 mm

Digital extraoral radiography

KODAK 9000C 3D Extraoral Imaging System

The 3-in-1 solution for your imaging needs, the Kodak 9000C 3D system combines the power of focused-field 3D with cutting-edge panoramic and one-shot cephalometric imaging.

Features and benefits

- Same features as the Kodak 9000 3D system, plus cephalometric imaging, offering a range of new diagnostic possibilities
- 5 image formats in the range from full skull 30x30 cm to 18x18 cm small field for lower dose exposures
- Automatic landmark recognition saves time and improves the workflow
- Delivers exceptional image quality thanks to exclusive and best in class „one shot“ technology
- 3 automatic ortho enhancement filters offers unprecedented detail and anatomical views



Ordering information

Kodak 9000C 3D system Cat. No. 5159009
Cephalostat upgrade right side Cat. No. 5159157

Recommended resale price

Kodak 9000C 3D system € 94,999
Cephalostat upgrade € 29,999

The cephalostat attachment kit allows the conversion of a Kodak 9000 / 9000 3D system into a Kodak 9000C / 9000C 3D system.

Technical specifications Cephalostat upgrade*:

Cephalometric module with built-in CCD sensor with protective optical fibre plate

Cephalometric images:	Half and full lateral (18x18 cm, 18x24 cm, 24x24 cm, 24x30 cm, 30x30 cm), frontal (AP/PA), oblique, submento-vertex, carpus
Magnification:	x 1.14
Installation configuration:	Right sided-cephalostat
Minimum operational required space	2230 (L) x 2000 (D) x 2400 (H) mm

*The system requirements and further technical specifications are the same as for the Kodak 9000 3D System (See page 14)

Digital extraoral radiography

KODAK 9500 Cone Beam 3D system

Recommended for oral, maxillofacial and sinus examinations, the Kodak 9500 cone beam 3D system delivers high-quality images safely and easily.

Features and benefits

- Large (18x20cm) and medium (9x15cm) field-of-view system with an exceptional price/performance ratio in this volume range
- Ease of use and optimal patient comfort
- Fast large volume image reconstruction time of approx. 2 minutes saves time and increases productivity
- Programmed settings assist in capturing images of the highest quality
- 3D software with numerous user-friendly diagnostic and planning tools
- DICOM file format provides data portability and compatibility with 3rd party implant planning (NobelGuide® and Simplant®) and 3D visualization software
- Supports 1:1 DICOM printing



Recommended resale price

KODAK 9500 system € 149,999
12-months warranty extension € 8,999

Ordering information

KODAK 9500 system Cat. No. 5159538
Warranty extension Cat. No. 5161500

Technical specifications

Technology	Cone Beam Computed Tomography (CBCT)
Sensor technology	Amorphous silicon flat-panel sensor
Grayscale	16384 - 14 bit
Volume size	FoV 184 x 206 mm (HxD), resolution 0.3 mm 90 x 150 mm (HxD), resolution 0.2 mm
Voxel size/resolution	300 x 300 x 300 µm/0.3 mm 200 x 200 x 200 µm/0.2 mm
Sections/volume	618 sections max.
Effective acquisition time	24 seconds
Effective exposure time	10.8 seconds (pulsed radiation)
Reconstruction time	2 min. 20 sec. 80 seconds
Patient position	Standing/sitting
X-ray tube voltage	60 - 90 kV (max.)
X-ray tube current	2 - 15 mA (max.)
Frequency	140 kHz (max.)
Tube focal spot:	0.7 mm
Total filtration	> 2.5 mm. equivalent value
Input voltage	230-240 V - 50/60 Hz
Weight	176 kg - 388 lbs.
DICOM compatibility	Yes
Minimum space requirement	length x width (1725 mm x 1635 mm) (depending on local conditions)

System requirements

CPU	Intel Duo Core with 2 GHz
RAM	2 GB
Hard drive	1.2 GB for software installation 80 GB free space to use the software
Graphic board	512 MB of dedicated video memory required
Monitor	1 monitor, 43 cm or larger Minimum screen resolution of 1,024 x 768 - 32-bit color mode
Operating system	Windows XP Home / Pro edition SP2 Windows Vista 32-bit
Network connection	2 Ethernet network cards 100 Mbits for LAN 1,000 Mbits for system connection
CD/DVD drive	CD-ROM drive for the installation

Comparative Matrix for Extraoral Range

Features & Specifications	KODAK 8000	KODAK 8000C	KODAK 9000	KODAK 9000 3D	KODAK 9000C	KODAK 9000C 3D	KODAK 9500
Panoramic	✓	✓	✓	✓	✓	✓	✓ ***
Cephalometric	Upgradeable	✓	Upgradeable	Upgradeable	✓	✓	✓
3D imaging	✗	✗	Upgradeable	✓	Upgradeable	✓	✓
3D field-of-view size	N/A	N/A	N/A	37 x 50 mm	N/A	37 x 50 mm	90 x 150 mm 180 x 200 mm
Time to process*	Pan: 14 sec. Ceph 1 to 3 sec.	Pan: 14 sec. Ceph 1 to 3 sec.	Pan: 14 sec. 3D: 90 sec. to 2 min.	Pan: 14 sec. 3D: 90 sec. to 2 min.	Pan: 14 sec. Ceph: 1 to 3 sec. 3D: 90 sec. to 2 min.	Pan: 14 sec. Ceph: 1 to 3 sec. 3D: 90 sec. to 2 min.	1:45 min. 2:15 min.
Footprint/size**	mm 880 (W) x 1180.5 (D) inch 34" (W) x 46" (D)	mm 2250 (W) x 1261 (D) inch 88.59" (W) x 49.63" (D)	mm 1158 (W) x 1595 (D) inch 45.5" (W) x 62.75" (D)	mm 1158 (W) x 1595 (D) inch 45.5" (W) x 62.75" (D)	mm 2150 (W) x 1595 (D) inch 84.63" (W) x 62.75" (D)	mm 2150 (W) x 1595 (D) inch 84.63" (W) x 62.75" (D)	mm 1416 (W) x 1725 (D) inch 55.74" (W) x 67.9" (D)

* Acquisition time + reconstruction time. ** Dimensions of the unit. Required operational space could be different. *** Simulated panoramic and cephalometric.

Applications***	KODAK 8000	KODAK 8000C	KODAK 9000	KODAK 9000 3D	KODAK 9000C	KODAK 9000C 3D	KODAK 9500
Routine panoramic examination	●●●	●●●	●●●	●●●	●●●	●●●	●●
Routine cephalometric evaluation	●●	●●●	●●●	●●●	●●●	●●●	●●●
Implantology	●●	●●	●	●●●	●	●●●	●●●
Endodontic				●●●			
Orthodontic		●●●		●	●●●	●●●	●●
Periodontic	●	●	●	●●●	●●●	●●●	●●●
Oral Surgery	●	●	●	●●●	●	●●●	●●●
Prosthodontic	●	●	●	●●			●●●
Restorative	●	●	●	●●	●	●●	●●●

● Good ●● Better ●●● Best

**** Please note bullets are simply a recommendation based on feedback from our thought leaders and users. One bullet indicates it meets the basic requirements for the application. Three bullets indicates it is the better choice.

Extraoral imaging programs

KODAK 8000 / 8000C Digital Panoramic and Cephalometric System



Panoramic imaging

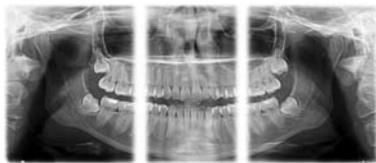
Panoramic examinations covering all basic needs.



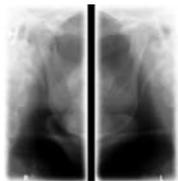
Standard panoramic



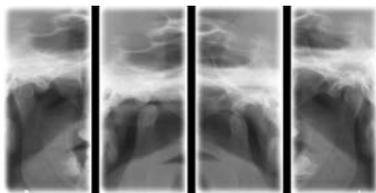
Child panoramic



Segmented panoramic



TMJ x2 lateral



TMJ x4 lateral



Maxillary sinus



Cephalometric imaging

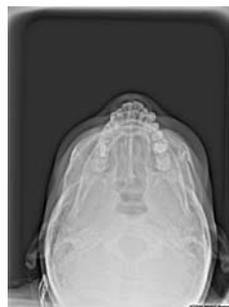
Unique image format 20x26 cm.
3 Automatic Ortho Enhancement Filters.



Lateral (20 x 26 cm)



Frontal PA / AP



Submento vertex



Carpus

KODAK



Panoramic imaging

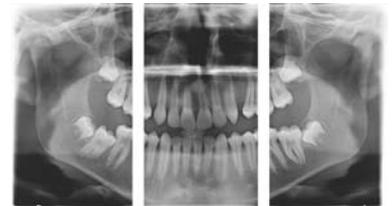
Panoramic examinations with focal trough adaptation to jaw morphology and improved sensor technology.



Standard panoramic



Child panoramic



Segmented panoramic



TMJ x2 lateral



TMJ x4 lateral



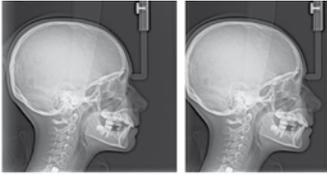
Maxillary sinus

9000 Extraoral Imaging System



Cephalometric imaging

Unique image format
20 x 26 cm.
3 Automatic Ortho Enhancement
Filters.



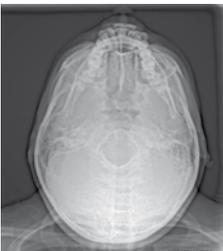
Lateral view, multiple formats



Frontal AP



Frontal PA



Submento vertex

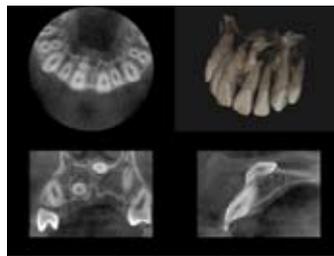
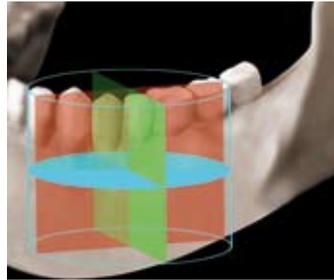


Carpus

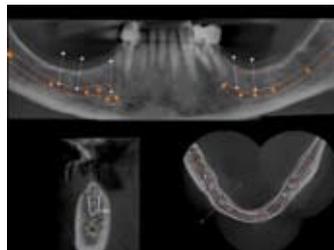
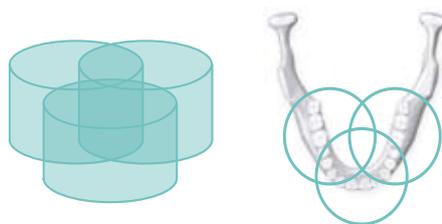


3D imaging

Focused field of view of
50 x 37mm.
Extended field of view 75 x 37
mm covering the whole arch
thanks to 3D stitching program.



Focused-field 3D program
(5 x 3,7cm)



Stitching 3D program
(up to 85 x 66 x 37mm)

KODAK 9500 Cone Beam 3D System



3D imaging

Large-field 3D program
18.4 cm x 20.6 cm.
Medium-field 3D program
9 cm x 15 cm.



Large-field 3D program
(18,4 x 20,6 cm)



Large-field 3D program
(9 x 15cm)

Computed radiography system

KODAK CR 7400 Digital Radiography System

The phosphor plate system for all formats - intraoral, panoramic and cephalometric radiography. The easy way to convert your dental practice to digital.

Features and benefits

- Low-cost complete digital entry-level solution
- As easy as film with all the benefits of digital - similar workflow to film minimizes learning curve with easy to use product
- Compact digital radiography imaging solution (intraoral/extraoral)
- Very easy handling and excellent image quality
- One-step process for full mouth series of X-ray images
- Our thin and flexible durable plates reduce the need for replacement



Recommended resale price

Recommended resale price	€ 9,999
Two years warranty extension	€ 1,999

Ordering information

Kodak CR 7400 system	Cat. No. 8470411
Warranty extension	Cat. No. 5155528

A sample of the CR 7400 system's accessories:

CR imaging plates/size 2	Cat. No. 1340074
CR intraoral holder/size 2 plates	Cat. No. 1872647
Light protection pouches size 2 plates	Cat. No. 1689611
Barrier envelopes/size 2 plates	Cat. No. 1804616
CR imaging plate/panoramic 15 x 30 cm	Cat. No. 1591114

Technical specifications

Operating systems	Windows 2000 Professional SP4, Windows XP Professional SP3 Windows Vista Business SP2 Windows 7 Home Premium/ Professional/Ultimate (32 Bit)
CPU	1.8 GHz (Pentium type or equivalent)
RAM	512 MB (1 GB recommended)
Minimum hard drive	80 GB
Graphics adapter	64 MB (recommended not on board)
Monitor	17" 1024 x 768 support on 96 DPI
Communication interface	via USB 2.0

Intraoral imaging

KODAK 1500 Intraoral Camera

The ideal communication tool for any dental practitioner. Elegantly styled and easy to use, Kodak's first wireless intraoral camera delivers stunning images with the convenience and freedom of Wi-Fi connectivity.

Features and benefits

- Patented true autofocus technology
- With built-in Wi-Fi support, the camera provides total freedom of movement
- The best resolution on the market for still images
- White LED exposure ensures uniform and bright illumination
- Intraoral and extraoral imaging
- Compatible with computer and video screens
- Available as wired and wireless configuration



Recommended resale price

Kodak 1500 camera wireless kit	€ 3,499
Kodak 1500 camera wired kit	€ 2,999

Ordering information

Kodak 1500 camera wireless kit	Cat. No. 6557185
Kodak 1500 camera wired kit	Cat. No. 6557177

Technical specifications

Sensor	Micron 1/2.5" CMOS 2592 (H) x 1944 (V)
Video resolution	640 (H) x 480 (V)
Image resolution	1024 (H) x 768 (V)
Focusing range	1 mm to infinity
Angle of view	90°
Field of view	80°
Focus	Autofocus
Light source	8 White LED array
Video output	USB 2.0; TV-NTSC; TV-PAL; VGA; S-Video
Connection	USB 2.0 high-speed

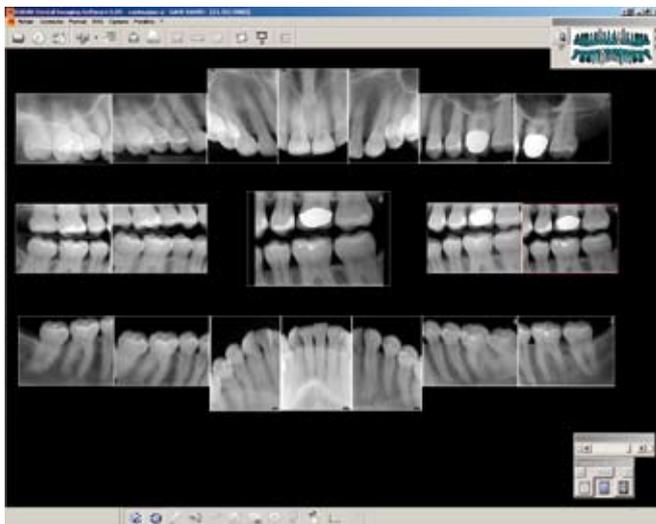
Software

KODAK Dental Imaging Software

The master software for all systems.
Integrated 3D module.

Features and benefits

- Top-quality and easy to use software
- Included as standard with all Kodak dental systems digital imaging products
- Serves as the control panel for all our systems
- Designed specifically for dental radiological diagnosis
- Can be used as a standalone program or integrated with practice management software
- No need to purchase additional licenses



The software controls all KODAK Dental Systems products

- Particularly easy to use radiography software
- All features are accessible with just a few clicks
- 100% designed for user-friendliness
- Also ideal for novice PC users
- High image quality
- Network-ready
- Optional: DICOM support

Ordering information

Kodak dental imaging software

Cat. No. 8557530



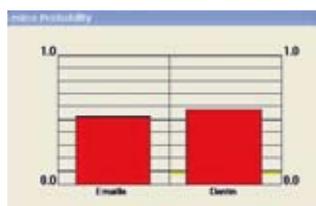
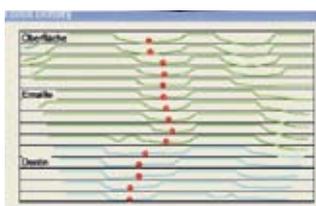
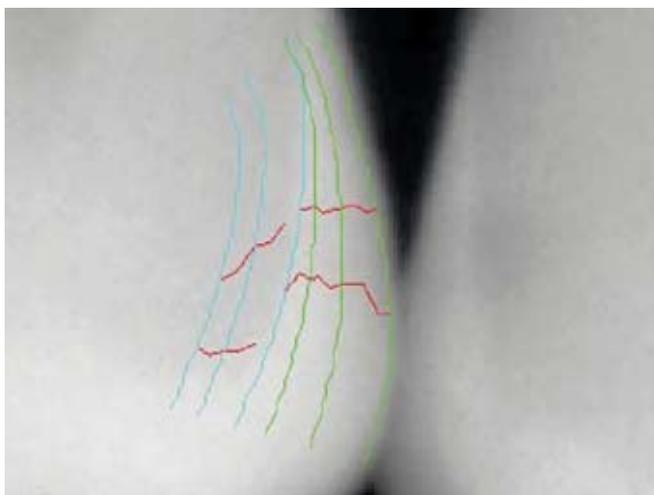
Software

LOGICON Caries Detector Software

Software for detecting caries even at an early stage.

Features and benefits

- A unique tool for detecting approximal caries at an early stage
- A software option for Kodak RVG digital radiography systems
- The software automatically highlights possible abnormalities on digital dental radiographs
- E-mail function allows sending of result screens to third parties
- Results can be saved to patient file
- Fully integrated with Kodak dental imaging software



Making caries diagnosis easier

The Logicon software extracts image features and compares them to a database of known caries problems. Possible anomalies are thus marked automatically on the digital dental radiography images, allowing the dental surgeon to investigate the affected tooth and the tooth surface in more detail.

Functionality

The Logicon software uses recognition algorithms based on laboratory data created in collaboration with a leading dental medicine institute. It automatically flags potential lesions on dental images and shows changes to the tooth density and the probability of lesions.

Ordering information

Logicon caries detector software Cat. No. 7417967

Recommended resale price

Logicon caries detector software € 999

■ Looking for an imaging solution?

We're confident we have the ideal solution for every practice!

- A full range of dental radiography and imaging systems
- 100 years' experience in dental imaging
- In-house product development and manufacturing
- Worldwide dealer and service network
- The inventor of intraoral sensor technology
- High quality standards

Would you like to know more?

www.kodakdental.com

Alternatively, contact your local authorised dealer.



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