

Digital imaging made easy™

SOREDEX

products

 **SOREDEX**

SOREDEX

Pride. Passion. Performance.

Since 1977 SOREDEX has been a leader in providing innovative imaging solutions for demanding professionals. Through continuous evolution and refinement we have set the highest industry standards for Quality, Reliability and Efficiency.

We are committed to follow in this path today and in the future.

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SOREDEX software



DIGORA® for Windows

DIGORA® for Windows is an easy-to-use dental imaging software with advanced features. It easily handles digital intraoral, panoramic, cephalometric, tomographic and color images from an intra-oral camera. It supports all SOREDEX 2D digital units.

- Easy-to-use "Patient Card" user interface
- Wide selection of image enhancement tools
- Single-user and 7- and 20-user network versions available
- DICOM® ready (DICOM® features available as an option)

SOREDEX TWAIN

SOREDEX TWAIN is a software for connecting a SOREDEX digital unit to a 3rd party imaging software application via the TWAIN interface.

SCANORA®

SCANORA® is an image capturing and data management application for SCANORA® 3D with seamless 3D viewer integration. The Open Architecture design and DICOM® features enable compatibility with 3rd party imaging software.

SorCom

SorCom acquisition software provides a simple "DICOM® bridge" to connect SOREDEX digital units into a DICOM®/PACS environment. It contains basic image handling tools and images may be reviewed on a radiology workstation using 3rd party DICOM® software.

For further details please contact your SOREDEX dealer.

CRANEX[®] Excel, CRANEX[®] Excel Ceph



CRANEX[®] Excel family – classic panoramic and cephalometric film unit

The CRANEX[®] Excel provides outstanding image quality, it is easy to use and includes unique features thanks to many SOREDEX innovations.

- Easy and accurate patient positioning without moving the patient
- Motorized dual-speed vertical movement
- Automatic kV selection AutoSet
- High-frequency DC generator
- Adult and child panoramic program
- Partial images of the dentition (left / right / middle)
- Open and closed bilateral TMJ program

CRANEX[®] Excel Ceph special features

- Adjustable soft tissue filter
- Dedicated tubehead, especially beneficial for taking frequent cephalometric images
- Lateral, AP and PA images
- Head holder can be turned and locked in 45° for oblique projections
- Supported formats: 18 cm × 24 cm (8" × 10") and 24 × 30 cm (10" × 12")

When digital images are required, the CRANEX[®] Excel, CRANEX[®] Excel Ceph and the DIGORA[®] PCT digital extraoral Imaging Plate system is the ideal solution for all your needs. The CRANEX[®] Excel family is also compatible with medical CR systems (optional).

DIGORA® PCT



DIGORA® PCT – digital extraoral imaging plate system with orthodontic intraoral options sizes 2 and 4

The versatile DIGORA® PCT system is an easy way to convert film-based X-ray units into digital. Just replace your film cassettes with DIGORA® PCT imaging plates and cassettes. The DIGORA® PCT system handles most commonly used dental extraoral imaging formats.

- Full daylight system
- Compatible with most film-based panoramic, cephalometric, tomographic units as well as intraoral X-ray units
- Simplified workflow – open the door, insert the imaging plate, close the door. Image acquisition is fully automatic
- The imaging plate is automatically erased after image acquisition
- Exposure distribution optimizer increases dynamic range
- SOREDEX imaging plates available for DIGORA® PCT :
extraoral sizes 15 cm × 30 cm, 18 cm × 24 cm and 24 cm × 30 cm,
8" × 10", 10" × 12", intraoral sizes #2 (31 mm × 41 mm) and #4
(occlusal, 56 mm × 76 mm)

CRANEX[®] Novus



CRANEX[®] Novus – fast and easy to use digital panoramic X-ray unit

The CRANEX[®] Novus offers for dental offices a first class digital panoramic unit at an affordable price. Designed for fast operation and easy workflow, the CRANEX[®] Novus is designed for maximum efficiency.

The CRANEX[®] Novus digital panoramic X-ray unit has the most commonly needed imaging modes – the adult and child panoramic programs as well as the TMJ program.

- Extremely easy-to-use panoramic X-ray unit with an optimized 4-step workflow
- Fast: adult panoramic in just 9 seconds
- High-frequency DC generator
- 60/70kV – 7 mA
- Easy patient positioning: 4-point head support, three positioning lights and hinged mirror
- Motorized vertical movement
- Fresh, compact design
- Small footprint

CRANEX® D

CRANEX® D Ceph



CRANEX® D – perfect digital panoramic and cephalometric X-ray system

The CRANEX® D produces superb panoramic images with exceptionally wide anterior layer thickness, which ensures good visualization of both the crown and apex even with patients with malocclusion. The CRANEX® D Ceph utilizes the central cephalometric projection technique resulting in an anatomically correct imaging geometry.

- Optimized workflow with an easy-to-use control panel.
- Choice of two speeds for panoramic and sectional programs:
17 sec High-Quality scan, 11 sec fast scan
- High-frequency DC generator
- Wide variety of imaging programs
- AES function automatically selects correct exposure values for every patient
- Extremely stable patient positioning system with 4-point head support, a bite block, 3 patient positioning lights
- Focal trough adjustment by moving the rotating unit, not the patient

Optional cephalometric unit

- PA and lateral images (full or reduced field)
- Optional holder for carpus imaging
- Automatic soft tissue filtration
- AES function
- Can be equipped with either one or two high-quality CCD sensors

CRANEX[®] 3D



CRANEX[®] 3D – Dental imaging system for demanding dental clinics

The CRANEX[®] 3D is a high quality dental imaging system with panoramic, optional cephalometric and Cone Beam 3D imaging programs. Its versatility offers dental clinics one of the most dynamic imaging systems available to meet their needs.

DYNAMIC

- High performance with versatile range of imaging programs
- 6 panoramic programs and sectional imaging
- cephalometric imaging with 2 lateral, PA/AP and carpus programs
- ConeBeam 3D with 6 × 4 cm and 6 × 7,8 cm

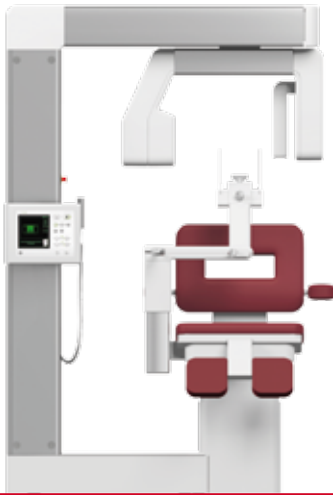
DIRECT

- ClearTouch™ control panel
- The SOREDEX familiar patient positioning system
- AES - Automatic exposure settings
- EasyScout™ for accurate 3D positioning

DURABLE

- Robust system designed for intensive use
- Long service life

SCANORA® 3D



3D imaging

SCANORA® 3D – a medium field-of-view Cone Beam CT system with dedicated panoramic imaging for the day-to-day dental imaging

Excellent 3D image quality and High-resolution Panoramic imaging combined characterize this system. With SCANORA® 3D, the advanced dental imaging required for accurate diagnostics, implant treatment planning and oral surgery can now be done in your practice.

- Three, plus one optional, fields-of-view ranging from 6 × 6 cm to 13 × 14.5 cm
- Optional dedicated CCD – Sensor for High-resolution panoramic imaging
- Isotropic Voxel size ranging from 0.133 to 0.35 mm
- Fully motorized chair for seated and stable patient positioning
- 90KV, 4-12.5 mA, pulsed X-ray generation
- DICOM®/PACS compatibility

SCANORA® 3Dx



SCANORA® 3D x – a large field-of-view Cone Beam CT system for the entire craniofacial area, available with dedicated panoramic imaging

Maximum flexibility, excellent image quality in 2D and 3D and the SCANORA® typical smooth workflow characterize this system. The SCANORA® 3Dx covers the entire range of applications starting from the single implant to complex ENT and orthognatic planning and diagnostic.

- Four, plus two optional, fields-of-view ranging from 5×5 cm to 24×17 cm
- Optional dedicated CCD – Sensor for High-resolution panoramic imaging
- Isotropic Voxel size ranging from 0.1 to 0.5 mm
- Fully motorized chair for seated and stable patient positioning
- 90KV, 4- 12.5 mA, pulsed X-ray generation
- DICOM®/PACS compatibility

MINRAY®



MINRAY® – intraoral X-ray unit

The MINRAY® is a versatile high-frequency DC intraoral X-ray unit. The customizable horizontal arm can be adjusted to the required length. A convenient tubehead handle and a stable arm system allow you to move and aim the unit smoothly and precisely, and keeps the tubehead motionless during exposure.

- High frequency DC generator
- Output 60/70kV – 7 mA
- Exposure time range 0.02 – 3.2 seconds
- Integrated control panel with programmable timer settings
- Well balanced and stable horizontal and scissor arm
- Optional mobile stand
- Optional remote control panel
- Compatible with both digital and film

DIGORA® Optime



DIGORA® Optime – digital imaging plate system

DIGORA® Optime system is designed for your practice: to make your daily imaging workflow easier and more efficient. It truly combines benefits of digital imaging while retaining the benefits of film. You get leading clinical results for all diagnostic needs with this uniquely hygienic, small, fast and easiest visually guided system on the market.

- Lightning fast: image readout completed in seconds
- Repeatable image quality automatically, without special training
- Advanced image processing technology:
 - Minimized need to adjust images
 - Virtually no under- or overexposures
 - No need to change exposure settings for each patient
- Effortless end-to-end hygienic workflow with Opticlean™ hygiene concept
 - Touchless operation and genuine accessories
 - Smart and automated internal ultraviolet (UV) disinfection
- Patient comfort with new latex free, food grade Optibag™ hygiene bags
- Latest generation of durable, cordless, thin and flexible imaging plates
 - Re-usable plates, sizes equal to intraoral films (0, 1, 2 & 3) included
 - Optional Comfort Occlusal™ 4C provides perfect bite protection and pleasant occlusal procedure - even for pediatric patients
 - Imaging plates are as easy to position into patient's mouth as film
 - Patented IDOT imaging plate identification system
- Small footprint with many installation options
- Easy sharing between operatories on the network with Multiconnect™
- Next level of usability: visually guided use, patient name display etc.
- Compatible with all intraoral X-ray units

DIGORA® Optime Classic



DIGORA® Optime Classic – digital imaging plate system

The DIGORA® system has a pioneering history from 1994 and has become a preferred choice of dental professionals around the world. The DIGORA® heritage is based on understanding the diagnostic and workflow needs of clinicians. The system is small, easy-to-use and fast to operate. DIGORA® Optime imaging plates are cordless, thin and truly film sized. User-friendly DIGORA® for Windows dental imaging software enhances the working convenience.

- Automatic, fast and simplified image acquisition – one-step handling
- Compatible with all intraoral X-ray units
- Wide dynamic range virtually eliminates under - or over -exposed images
- Thin, flexible, cordless and re-useable Imaging Plates in four intraoral sizes (film sizes 0, 1, 2 and 3)
- Positioning Imaging Plates in the patient's mouth is as easy as film
- True full daylight operation and standard network connection allows DIGORA® Optime to be placed in the most convenient location in your practice

DIGORA® Toto



DIGORA® Toto - intraoral sensors, sizes 1 and 2

DIGORA® Toto sensors are easy to use and provide superb, repeatable clinical results. They feature many improvements over traditional intraoral sensors.

- Images promptly available for diagnosis
- Cutting edge CMOS sensor chips have a wide dynamic range and provide crystal-clear images
- Repeatable image quality with automatic image optimization:
 - Minimized need to adjust images
 - Virtually no under- or overexposures
 - No need to change exposure settings for each patient
- Fluent workflow:
 - The sensor is continuously ready to capture image instantly from X-ray exposure
 - Both sensors of different size (1 and 2) can even be connected and ready for use at the same time
- One piece system: saved desktop space and real portability
- REAL Plug and play technology allows easy sharing of the sensor.
 - No drivers or gain files needed.
- Handy clip keeps sensor stationary during imaging
- Sensor wall mount
- Compatible with all intraoral X-ray units

DIGORA® Vidi



Intraoral imaging

DIGORA® Vidi - intraoral camera

The DIGORA® Vidi is ergonomic and easy to use. Its optical and lighting innovations provide clear, precise and natural-looking images.

- Perfect visibility into hard-to-reach areas with 15 degrees tilted viewing angle
- Rounded shape and reduced dimensions of the camera head improve patient comfort
- Autofocus and large depth of field eliminate the need for distracting manual focusing:
 - From one tooth to portrait without manual focus adjustment
 - Large depth of field shows near and far objects sharp in the same image .
- Powerful LED lighting provides uniform illumination and images of natural color
- No geometric distortions due to special aspheric lens
- Image capturing with optimally located "EasyTouch" touch button
 - Eliminates camera movement and blurred images
- Easy and quick sharing; just connect the camera handpiece to another operatory room

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204159-3 03/11