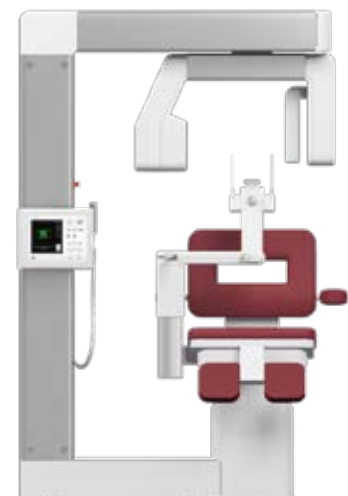


SCANORA® 3D



3D imaging

DIGORA® Optime

Intraoral imaging



DIGORA® Toto

Intraoral imaging



DIGORA® Vidi

Intraoral imaging



MINRAY®

Intraoral imaging



SCANORA® 3D – the most versatile cone beam 3D system with dedicated panoramic imaging

The SCANORA® 3D system provides a new and innovative way of seeing dentomaxillofacial anatomy and solving diagnostic problems.

- Superb 3D image quality with advanced CMOS flat panel detector and ART reconstruction
- Four user selectable fields-of-view from 6x6 cm to 13x14.5 cm to meet different diagnostic needs
- Rigid mechanical platform with seated patient minimizes movement artefacts
- Fast scan times
- High-resolution panoramic program and dedicated panoramic detector with AutoSwitch™
- Easy ClearTouch graphical user interface
- Comprehensive software package
- Open SW architecture, images in DICOM format and usable also in 3rd party applications

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
- Uniquely hygienic for improved patient and user safety
 - Touchless operation, protective covers, liquid proof bags
- Patient comfort with new latex free, food grade hygiene bags
- New generation of durable, cordless, thin and flexible imaging plates
- Re-usable plates, sizes equal to intraoral films (0, 1, 2 & 3) included
- 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
- Next level usability: simple animated guides, image preview etc.
- Compatible with all intraoral X-ray units

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 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 operator room

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

SOREDEX

SOREDEX dealer:

www.soredex.com • www.soredex.de • www.soredexusa.com

Head office and factory:

SOREDEX
Nahkkelantie 160, Tuusula
P.O. Box 148, FI-04301 Tuusula
Finland
Tel. +358 10 270 2000
Fax +358 9 701 5261
info@soredex.com

SOREDEX USA
1245 W. Canal Street
Milwaukee, WI 53233 U.S.A.
Tel. +1 800 235 8854
Fax +1 414 481 8665
info@soredexusa.com

SOREDEX Germany
Schutterstrasse 12
77746 Schutterwald
Germany
Tel: +49 (0) 781 28 41 98-0
Fax: +49 (0) 781 28 41 98-30
kontakt@soredex.de

SCANORA®, MINRAY®, CRANEX® and DIGORA® are registered trademarks of SOREDEX®, PaloDEX Group Oy. Other product names and trademarks are the property of their respective owners. SOREDEX® manufactured products are CE -marked (NB 0537). Electric safety according to IEC 60601-1. Manufacturing complies with ISO 13485:2003, ISO 9001:2000 and ISO 14001:2004.

SOREDEX® reserves the right to make changes in specification and features shown herein at any time without notice or obligation. Contact your SOREDEX® representative for more information.
© 2009 SOREDEX®

204159-2 11/09



SOREDEX
products



SOREDEX

15 years
DIGITAL
imaging made easy



SOREDEX



SOREDEX® designs, develops, manufactures and markets dental imaging systems, with an emphasis on innovative digital solutions. Operating worldwide, SOREDEX® offers quality imaging systems of true diagnostic value, based on an in-depth understanding of the dental practice. Applying three decades of experience of imaging excellence, we offer reliable and easy-to-use solutions that help you focus on patient care.

SOREDEX® digital imaging systems are innovative and accurate diagnostic tools that integrate seamlessly and easily into a dental practice, enhancing the imaging process and improving workflow. Our systems are designed to be simple and easy to use. They will make your dental practice more efficient and ultimately give you more time for your patients.

SOREDEX® stands for innovation and value in dental X-ray technology.



CRANEX® Tome CRANEX® Tome Ceph

Extraoral imaging



CRANEX® Tome – the top-of-the-line panoramic X-ray unit with unique spiral tomography for cross-sectional imaging

The CRANEX® Tome with its innovative C-arm technology offers superb image quality, a wide range of imaging programs and outstanding performance.

- Microprocessor controlled high-frequency DC generator
- Automatic Collimator Selector
- Automatic Vertebrae Compensation (AVC) in panoramic exposures
- Intuitive and interactive control panel with electroluminescence display guides you through the imaging procedure
- 4-point head holder and 4 positioning lights for easy and precise patient positioning
- Wide range of imaging modes
- Optional graphical interface for PC
- Available with left or right hand cephalostat unit (also as an upgrade kit)

When digital imaging is required, the CRANEX® Tome, CRANEX® Tome Ceph and the DIGORA® PCT digital extraoral Imaging Plate system is the ideal solution for all your needs.

DIGORA® PCT

Extraoral imaging



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 x 30 cm, 18 cm x 24 cm and 24 cm x 30 cm, 8" x 10", 10" x 12", intraoral sizes #2 (31 mm x 41 mm) and #4 (occlusal, 56 mm x 76 mm)

CRANEX® Excel, CRANEX® Excel Ceph

Extraoral imaging



CRANEX® Excel family – classic panoramic and cephalometric X-ray systems for film imaging

The CRANEX® Excel provides outstanding image quality, is easy to use and features 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 x 24 cm (8" x 10") and 24 x 30 cm (10" x 12")

When digital imaging is 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).

CRANEX® Novus

Extraoral imaging



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

The CRANEX® Novus offers you an efficient way to conduct digital panoramic imaging in your clinic. It gives you the best value for your money. The system fits perfectly into your clinic with its clean design and compact size.

The CRANEX® Novus digital panoramic X-ray unit has the most commonly needed imaging modes – the adult and child panoramic programs and 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, positioning lights and hinged mirror
- Motorized vertical movement
- Lightweight, small footprint
- Clean and classic design

CRANEX® D CRANEX® D Ceph

Extraoral imaging



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
- Stainless steel CCD housing is designed to last
- 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

SOREDEX software

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 a video source. It supports all SOREDEX 2 D 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



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® 3.0

SCANORA® 3.0 software works as image capturing and data management program for the SCANORA® 3D cone beam system. Through DICOM functions the system is compatible with 3rd party image handling softwares.

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.