SOREDEX®
products

SOREDEX

Diagnostic
performance

SOREDEX

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.

Contents

DIGORA® Vidi

DIGORA® Vidi - intraoral camera

DIGORA® Vidi intraoral camera is ergonomic and easy to use. Optical and lighting innovations provide consistently clear, precise and natural-looking images.

EASY TO USE
- Free focus: From one tooth to portrait without manual focus adjustment
- Image capturing with optimally located "EasyTouch" touch button for sharp images

PRACTICAL ERGONOMICS
- Rounded shape and reduced dimensions of camera head for maximum patient comfort
- Perfect visibility even on hard to reach distal areas with 15 degrees tilted viewing angle

PRECISE IMAGES
- Uniform illumination and images of natural color with optimized high-intensity, daylight color LED lighting
- High quality aspheric, wide angle lens for consistently high image quality:
    - Large depth of field shows near and far objects sharp in the same image
    - Minimized geometric distortion

DIGORA® Toto

MINRAY®

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.

EASY
- Fluent workflow, continuously ready to capture instant images
- Sensor part design optimized for durability and easy positioning
- Graphics supporting positioning and orientation
- Size 1 and 2 sensors can be connected and ready for use at the same time

SMART
- Slim sensor part with all corners and edges rounded for optimal patient comfort
- Images instantly available for diagnosis
- One piece system: saved desktop space and convenient REAL plug and play portability

ACCURATE
- CMOS sensor chips tolerate wide range of exposure times and provide crystal-clear images
- Repeatable image quality with automatic image optimization:
  - Minimized need to adjust images
  - Virtually no under- or overexposures
  - Reduced need to change exposure settings
- Images with rounded corners and maximized active area

MINRAY® – intraoral X-ray unit

MINRAY® – Versatile and reliable high-frequency DC intraoral X-ray unit. The unique customizable horizontal arm can be adjusted exactly to the optimum length.
A convenient tubehead handle together with stable arm system makes aiming smooth and precise, keeping the tubehead motionless during exposure.

EASY
- Well balanced, easy to position and stable arm system
- Integrated control panel with programmable timer settings
- Compatible with all digital systems and film

PRECISE
- High frequency DC generator with precise repeatability
- Wide and exact exposure time settings
- Proven, reliable design

ADJUSTABLE
- Unique customizable horizontal arm for optimized ergonomics
- Optional remote control panel, mobile stand and dental unit integration
- Output 60/70kV – 7 mA

DIGORA® Optime UV

DIGORA® Optime UV – digital intraoral imaging plate system

Uniquely hygienic, efficient, fast and easy visually guided system for demanding dental professionals, for all intraoral applications and patient sizes.Provides leading clinical results for all diagnostic needs repeatedly, automatically and efficiently, with proven reliability.

FAST AND EASY
- Quick and easy to learn and use, guided with graphical user interface
- Images in seconds, processing time not depending on the resolution
- Smart automated functions support fluent and error-free workflow

EFFORTLESS, END-TO-END HYGIENIC WORKFLOW
- Touchless operation (patent pending) and automatic internal UV-disinfection system (patent pending)
- Unique and proprietary hygiene accessories made from safe materials (Biocompatible according to ISO 10993-1, no Latex or PVC)

EXCELLENT CLINICAL RESULTS AND PATIENT COMFORT
- Latest generation of durable imaging plates with patented IDOT™ identification system
- Repeatable image quality automatically and repeatedly

DESIGNED FOR YOUR PRACTICE
- Reliable and maintenance free design, proven with intensive use in large dental clinics and imaging centers
- Compatible with all intraoral sizes and applications
- Cost-effective sharing between operatories over local area network, supported with display

DIGORA® Optime

New!

DIGORA® Optime – digital intraoral imaging plate system

Easy and smart dental diagnostic tool for all intraoral applications and patient sizes. Provides leading clinical results repeatedly, automatically and efficiently, with top reliability.

EASY
- Easy to set up, instantly ready for use
- Intuitive, simple to learn and use with clear indicators for the user
- Familiar, film-like workflow

SMART
- Sharp, clear images for all intraoral needs automatically and repeatedly: Minimized need to adjust images, virtually no under- or overexposures
- Smart automated functions and economical network sharing solution
- Comfortable and safe with unique, proprietary hygiene accessories (Latex / PVC free, food grade hygiene bags with Biocompatibility according to ISO 10993-1 and Opticover™ protective cover)

EFFICIENT
- Images in seconds
- Reliable, maintenance free design
- Wireless, reusable and durable imaging plates with patented IDOT™ imaging plate identification system to support quality control (optional)

CRANEX® Excel,
CRANEX® Excel Ceph

CRANEX® Excel family – classic panoramic and cephalometric film unit

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 tube head, 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, CRANEX® Excel, CRANEX® Excel Ceph and digital extraoral Imaging Plate system is the ideal solution for all your needs. CRANEX® Excel family is also compatible with most medical CR systems (optional).

CRANEX® Novus e

New!

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

It is designed for dental offices that demand a first-class digital panoramic unit. The next generation CRANEX® Novus e provides excellent image quality with extended imaging values and enhanced operation with the ClearTouch™ control panel. Designed for fast operation and easy workflow, CRANEX® Novus e delivers maximum efficiency. With 9-second adult panoramic exposure time, the patient exposure dose is minimized, while reducing the potential for movement artifacts.

EXCELLENT IMAGE QUALITY
- Expanded imaging exposure values, 63-77 kV, 10 mA
- Panoramic, Child panoramic, TMJ and Optional Bitewing Program
- Advanced spinal compensation
- Extremely sensitive panoramic CCD sensor
- Accurate patient positioning system

EASY-TO-USE AND FAST
- ClearTouch™ control panel
- 9-second adult panoramic exposure time
- 5-point patient stabilization system

EFFICIENT SOLUTION FOR A DAILY PRACTICE
- Compact design
- Intuitive operation and workflow

CRANEX® D
CRANEX® D Ceph

CRANEX® 3D

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

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. CRANEX® D Ceph utilizes the central cephalometric projection technique resulting in an anatomically correct imaging geometry.

EXCELLENT DIAGNOSTIC IMAGE QUALITY
- Extra wide anterior layer thickness
- Excellent diagnostic image quality with the fast scan capability
- Even better high quality (HiQ) panoramic imaging modes

EASE OF USE
- Quick and easy-to-use control panel
- The best patient positioning system in the market
- Automatic functions to make daily work even easier

FLEXIBILITY
- Cephalometric option
- Dual Sensor Design
- Choice of two column designs

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

CRANEX® 3D is a high quality dental imaging system with panoramic, optional cephalometric and Cone Beam CT 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
- RealPAN™ (CMOS) 6 panoramic programs and sectional imaging
- Cephalometric imaging with 2 lateral, PA/AP and carpus programs
- Cone Beam 3D with 6 × 4 cm and 6 × 7,8 cm
- Free FOV position in dental and facial area
- SARA – SOREDEX Advanced Reconstruction Algorithm
- SMAR – SOREDEX Metal Artefact Reduction

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

DURABLE
- Robust system designed for intensive use
- Long service life

SCANORA® 3D

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

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

EASY
- Fully motorized chair for seated and stable patient positioning
- 12″ HD clear touch control panel for ensuring easy workflow

EFFECTIVE
- RealPAN™ (optional) CCD - sensor for high quality dental panoramic imaging with AutoSwitch™ 2D/3D mode change
- Compatible with leading drill guide and surgical navigation systems
- Low dose

VERSATILE
- Four (one optional), fields-of-view from 60 × 60 mm to 130 × 145 mm
- The FOV can be freely located to different areas of the dento-maxillofacial area
- Open software architecture for 3rd party applications
- DICOM® / PACS compatibility

SCANORA® 3Dx

SCANORA® 3Dx – in-office large field-of-view Cone Beam CT system for Head and Neck imaging, 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 Point-of-Care system covers the entire range of applications starting from a single implant to complex ENT and orthognathic planning and diagnostic.

FLEXIBLE
- Eight (two optional), fields-of-view from 50 × 50 mm to 240 × 165 mm
- The FOV can be freely located to different areas of the head and neck
- Comprehensive software offering
- Compatible with leading navigated surgery and drill guide systems

EASY
- Fully motorized chair for seated and stable patient positioning
- Smooth workflow, fast and easy to use
- 12″ HD clear touch control panel

COMPETITIVE
- DICOM®/PACS compatibility
- RealPAN™ (optional) CCD – sensor for high resolution panoramic imaging with AutoSwitch™ 2D/3D mode change
- Small foot print

SOREDEX software solutions

Notes:

SCANORA®: A complete solution for dental image management

- Comprehensive set of tools for image capture and image management
- Optimized, flexible image capture workflow to suit your practice
- Modality-based image capture settings and filters enable fine-tuning image appearance
- Freely-distributable image viewer for patients and referring clinicians
- High-precision 16-bit image processing of radiographic images
- Extensive DICOM support for integration into healthcare environments
- Integrated Cone Beam 3D workflow with OnDemand3D™
- Open Architecture supports third party 3D treatment planning

SOREDEX® TWAIN

Software for connecting SOREDEX units to third-party imaging software application via the TWAIN interface

- Includes standard image tools and simple, easy to learn user interface

SorCom: Provides a simple "DICOM® bridge" to connect SOREDEX units to DICOM®/PACS environments

- Includes standard image tools and simple, easy to learn user interface
- Supports retrieval of patient information via Modality Worklist and storing images to PACS via DICOM® Storage

For further details please contact your SOREDEX dealer.

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