CRANEX® Novus e

SOREDEX

CRANEX

Excellent
Easy-to-use
Efficient

SOREDEX

Digital panoramic
X-ray unit

CRANEX® Novus ᵉ
– An essential part of your daily patient care

CRANEX® Novus ᵉ is a fast and easy-to-use digital 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.

Summary of benefits

Excellent image quality

- Expanded imaging exposure values
- 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

Adult panoramic program
The standard program for panoramic examinations.

Child panoramic program
A program for children and small adults, with automatically **reduced imaging time and patient dose.**

TMJ program
Allows for mouth open and/or closed evaluation of the TMJ anatomy.

Bitewing program (optional)
The Bitewing program allows bitewing examinations with panoramic positioning.

Easy operation with stable patient positioning

The fast exposure times and easy operation of CRANEX® Novus e can dramatically improve the workflow in your practice.

It takes only 9 seconds to take a panoramic exposure on adults and 8 seconds for a child. Easy and fast 4-step operation allows for instant image evaluation and optimized workflow.

Easy operation with ClearTouch™ Control panel

- Fast and easy to use controls
- Automatic exposure values based on the selected program

Stable and accurate patient positioning

- 5-point head support with bite block ensures patient stability
- Three laser lights for accurate positioning
- Easily adjustable, self-locking temple supports
- Hinged mirror for easy patient positioning
- Rigid patient handles with integrated chin rest

Easy as a breeze

What could be faster and easier than taking a panoramic image with CRANEX® Novus e.

"Taking an image with CRANEX® Novus e is smooth and easy. Its small size and attractive appearance gives the patient the impression of a reliable and easy examination.

Whether the patient is large or small, tall or short, edentulous or with teeth, the imaging always succeeds with CRANEX® Novus e. The most important is to position patient precisely and relaxed to correct position.

I highly recommend CRANEX® Novus e, as it facilitates and speeds up my tasks, and saves time for other important duties. "

Radiographer, CRANEX® Novus e user

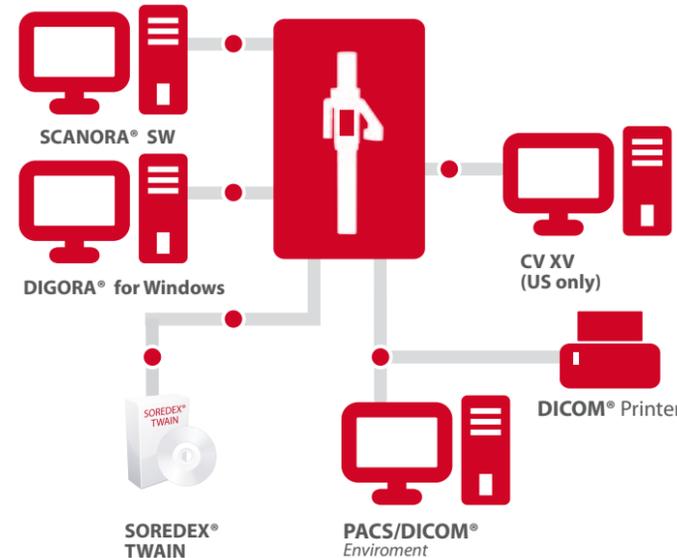**Fast imaging – only 9 seconds**

Flexible software

Flexible adaptation to a clinic's software environment

SCANORA® SW, DIGORA® for Windows® and CV XV (North American market) offer a comprehensive set of imaging tools to assist you with your daily imaging needs. Flexible software options include standard single-user and optional network multi-user versions.

Optional DICOM® services integrate CRANEX® Novus e seamlessly into a PACS/DICOM® environment. SOREDEX® TWAIN integrates CRANEX® Novus e with 3rd party software supporting the TWAIN standard.
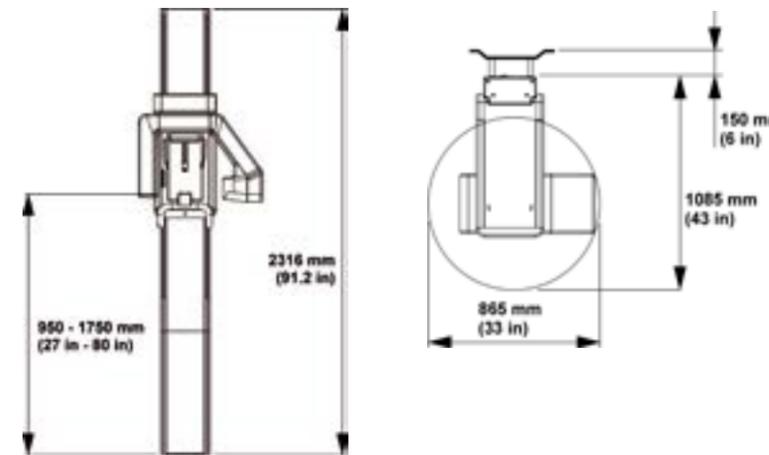
In addition to SOREDEX® software, CRANEX® Novus e is integrated with many practice management and 3rd party imaging software.

CRANEX® Novus e has a simple-to-use Ethernet connection to your PC or network.

SCANORA® SW

DIGORA® for Windows

CV XV
(US only)

DICOM® Printer

SOREDEX®
TWAIN

PACS/DICOM®
Enviroment

With SOREDEX's 35 years of experience in developing state-of-the-art dental panoramic systems, CRANEX® Novus e provides you with a compact, direct digital panoramic system, as part of the famous CRANEX® family.

Efficient solution for dental practice

Dimensions

2316 mm
(91.2 in)

950 - 1750 mm
(27 in - 80 in)

150 mm
(6 in)

1085 mm
(43 in)

865 mm
(33 in)

Technical Data

Generator	High frequency DC generator
Focal spot size	0.5 mm
Minimum total filtration	2.6 mm Al
Anode voltage	63-77 kV
Anode current	10 mA (8mA in 100 VAC)
Line voltage	220 -240 VAC, 100 -120 VAC (50/60 Hz)
Electrical safety classification	IEC 60601-1 class 1/B
Sensor	CCD
Active sensor surface	147.5 x 6.1 mm
Sensor pixel size	48 µm
Image pixel size	96 µm
Image resolution	6.25 lp/mm
Image field height	147 mm
File size	max: 9.5 MB
PC connection	LAN/Ethernet
Exposure time	9 s adult, 8 s child panoramic
Weight	120 kg (265lbs)
Color	RAL 9003, RAL 9006

Workstation PC requirements*

Operating system	Windows® 8, Windows® 7, Windows® Vista , Windows® XP Professional

* For full details on supported PC requirements, please contact your local distributor for the latest information.

Digital imaging made easy™

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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 following this path today and in the future.