



**CRANEX® Excel**  
**CRANEX® Excel Ceph**  
**CRANEX® Basex**



**CRANEX® Product family**  
Film panoramic X-ray units

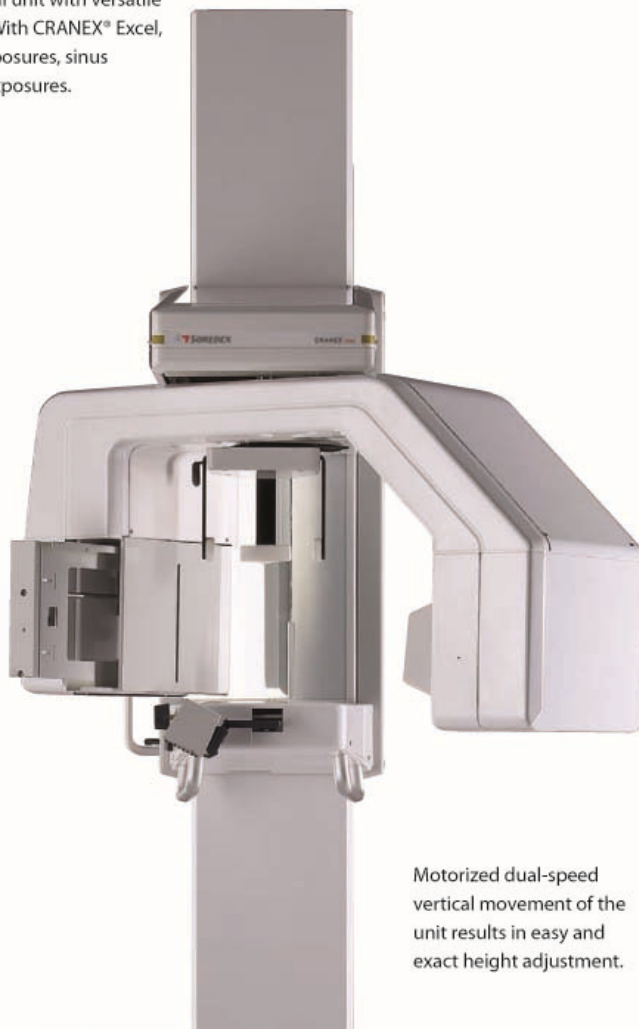
# CRANEX® Excel – panoramic excellence

The CRANEX® Excel is a film based panoramic dental unit with versatile imaging options bringing true value for the clinic. With CRANEX® Excel, one can take full and reduced width panoramic exposures, sinus exposures, partial panoramic exposures and TMJ exposures.



## Ergonomical operation

- Easy and accurate patient positioning – without moving the patient.
- Rigid 4-point head support and bite block/ chin rest system holds the patient's head firmly and comfortably during the exposure and allows excellent exposure repeatability.
- Three positioning lights (midsagittal, Frankfort, focal through).
- Large hinged mirror allows you to look directly at the patient and also see all the positioning lights.
- The rotating unit can be moved aside during positioning.
- Chin and lip support devices allow for more accurate and repeatable patient positioning.

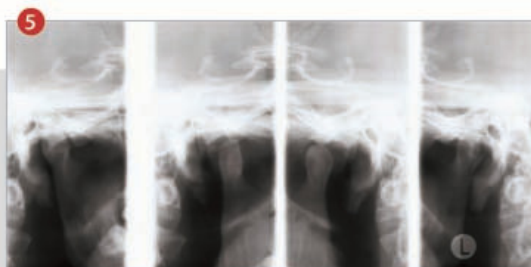
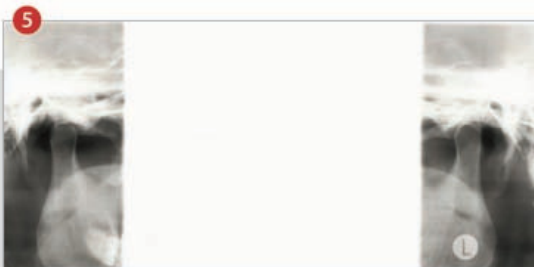
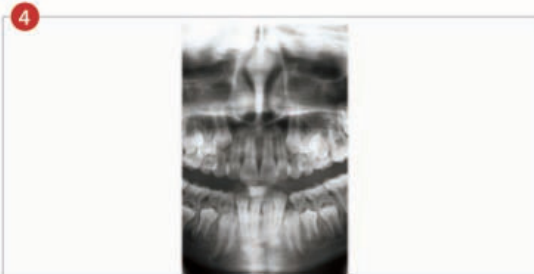
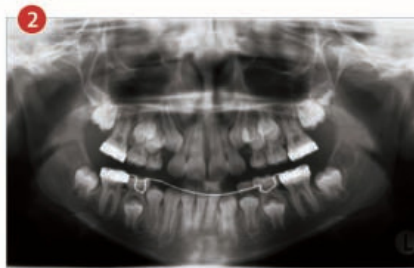
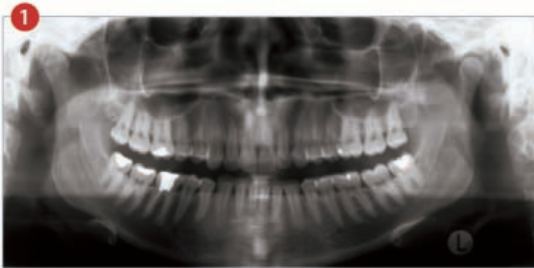


Motorized dual-speed vertical movement of the unit results in easy and exact height adjustment.



Three positioning lights for accurate patient positioning. Uniform density and automatic compensation mode are features of the unit.

# True diagnostic value



The CRANEX® Excel has various imaging modes selectable according to diagnostical requirements, resulting in minimized patient dose.

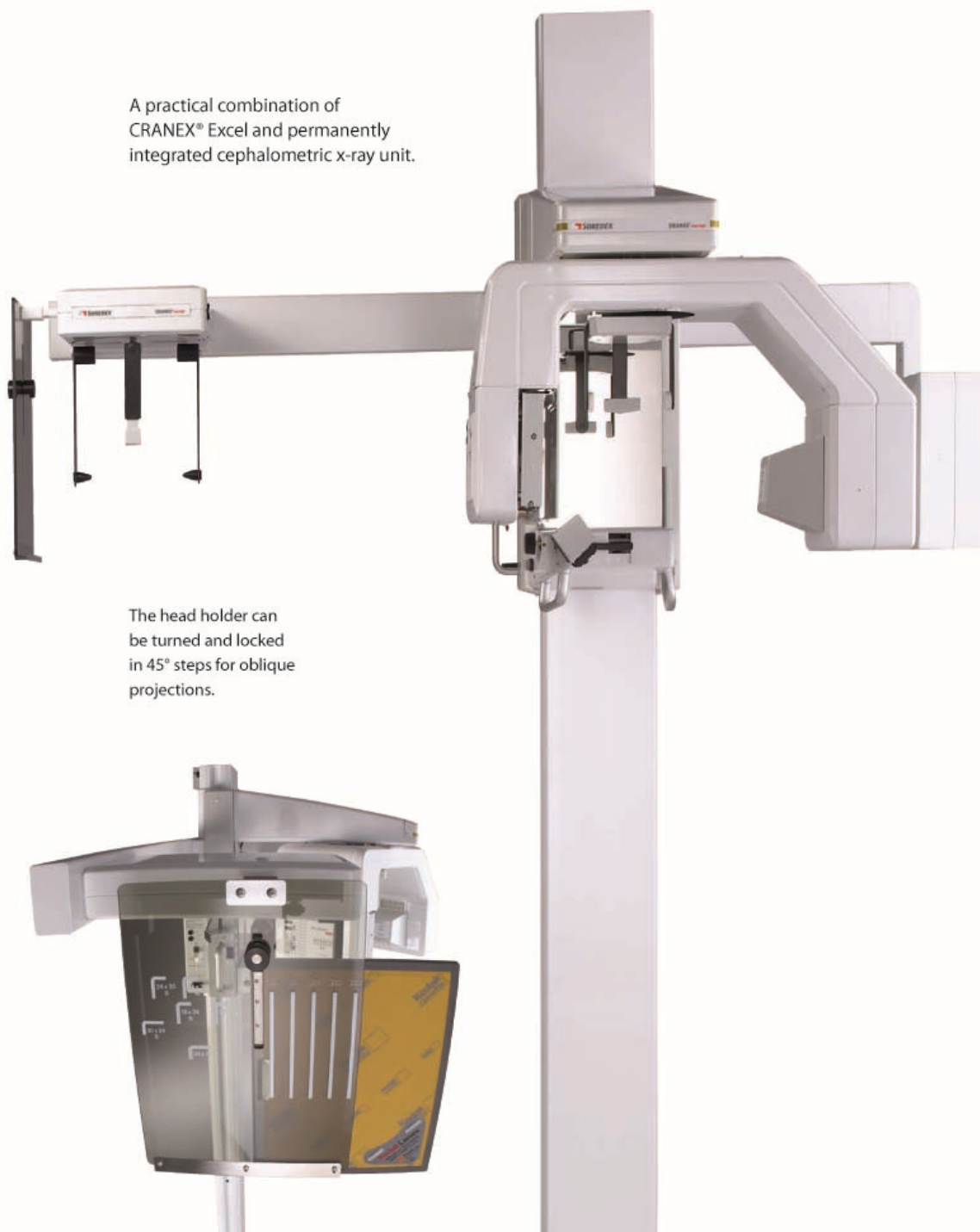
Wide range of most commonly used imaging modes:

- 1 adult panoramic
- 2 child panoramic
- 3 right and left side of dentition
- 4 middle of dentition
- 5 open and closed bilateral TM-joint program on a single film

The CRANEX® Excel is the perfect choice for the dental clinic for survey and follow-up examinations.

# CRANEX® Excel Ceph

A practical combination of  
CRANEX® Excel and permanently  
integrated cephalometric x-ray unit.



The head holder can  
be turned and locked  
in 45° steps for oblique  
projections.



# Unique double tubehead design

## Extremely easy to use

There is no doubt that the CRANEX® Excel Ceph is extremely easy to use. Permanently attached cephalometric tube requires no extra assembly for teleradiography. Smooth functions of head support elements are gentle to the patient – especially important with pediatric patients.

Examples of the CRANEX® Excel Ceph cephalometric imaging modes



18 x 24 cm / 8 x 10"  
Asymmetric Vertical



18 x 24 cm / 8 x 10"  
Horizontal



18 x 24 cm / 8 x 10"  
Symmetric Vertical

or optionally



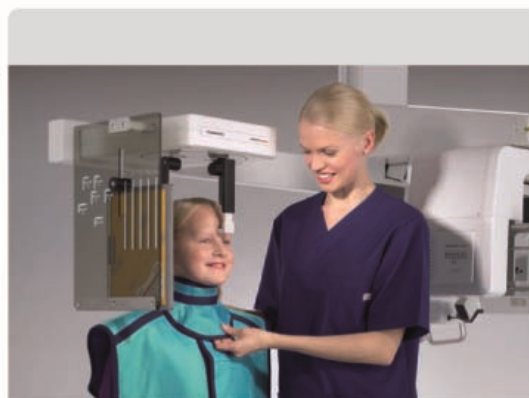
24 x 30 cm  
Asymmetric Vertical



24 x 30 cm  
Symmetric Vertical



24 x 30 cm  
Asymmetric Horizontal

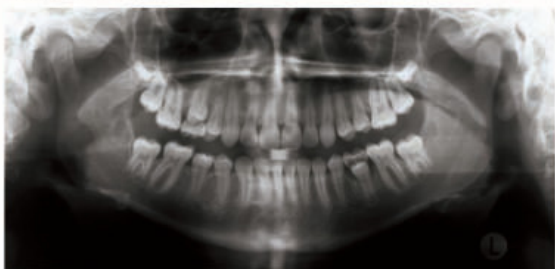


# CRANEX® Basex

CRANEX® Basex is built to the same high standards as all of our other x-ray units and includes the same convenient and accurate patient positioning. The CRANEX® Basex offers outstanding image quality at an economical price.

The CRANEX® Basex has the adult panoramic and the child panoramic imaging modes.

## Adult Panoramic



## Child panoramic

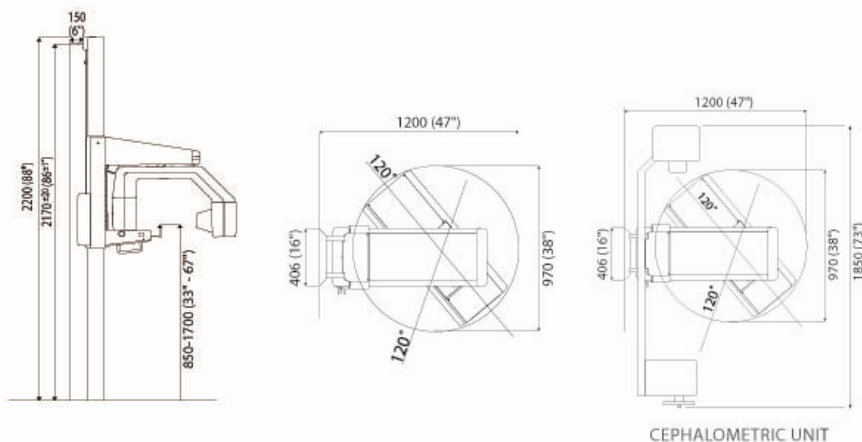


**If the above imaging modes meet your requirements, your choice is CRANEX® Basex.**

The CRANEX® Basex is a basic panoramic unit. It has the most common imaging modes, the adult and child panoramic used in every day clinical work. The manual height adjustment, two positioning lights and the focal trough adjustment without numerical readout are the main differences compared to its "big brother" the CRANEX® Excel. With the CRANEX® Basex you can normally resolve most of the usual diagnostic tasks. It is the best choice to clinics, where the patient base consists mostly of cases for the general practitioner and the x-rays are used mainly for survey examinations. The image quality is of the same high standard as with the CRANEX® Excel.



# Technical specification

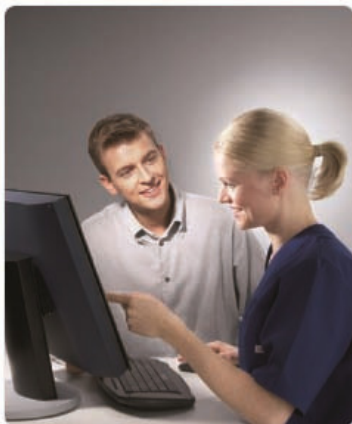


## Technical data

Generator	High frequency DC generator, operating frequency 40 kHz
X-ray tube	OPX 105 or equal
Focal spot size	0.5 mm, IEC 336
Minimum total filtration	2.5 mm Al
Anode voltage	63 - 81 kV
Anode current	6 mA and 10 mA (4.5 mA and 7.5 mA in compensation mode)
Exposure time	19/16 s (50/60 Hz) panoramic 0.4 - 3.2 s cephalometric
SID	520 mm panoramic 1635 - 1700 mm cephalometric
Line voltage	230/240 Vac ±10% (50/60 HZ)
Fusing	8 A
Weight	150 kg (331 lbs) panoramic 195 kg (430 lbs) cephalometric
Colour	RAL 7035 and 9003
Electrical safety classification	IEC 60601-1 / UL 60601-1
Cassette sizes	15 x 30 cm (optionally 24 x 30 cm/10 x 12") panoramic 18 x 24 cm (8 x 10") cephalometric Optionally 24 x 30 cm (10 x 12") cephalometric



## DIGITAL IMAGING MADE EASY™



**Head Office and Factory:**  
**SOREDEX**

Nahkelantie 160, Tuusula  
P.O. Box 148, FI-04301 Tuusula  
Finland

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.

MINRAY®, CRANEX®, DIGORA® and SCANORA® are registered trademarks of SOREDEX, PaloDEX Group Oy. Other product names and trademarks are the property of their respective owners. CE marked (NB 0537). Electric safety according to IEC 60601-1. Manufacturing complies with ISO 13485:2003, ISO 9001:2008 and ISO 14001:2004.

SOREDEX® reserves the right to make changes to specifications and features shown herein at any time without notice or obligation. Contact your SOREDEX® representative for the most current information.

© 2010 SOREDEX®

205552-1 04/10 Printed in Finland

 **SOREDEX**

Distributed by

**X M.D. McCauley Co., Inc. S**  
**X-RAY ACCESSORIES**

760-C South Rochester Ave.  
Ontario, CA 91761 USA  
Tel (909) 390-9313 Fax (909) 390-9061  
www.xraymdm.com e-mail: info@xraymdm.com