

MINRAY®

Intraoral
X-ray unit with
extendable arm



Strenghts built from experience



- Company tradition of reliability
- High image quality
- Consistent diagnostic results
- DC output for reduced soft radiation
- Simple operating controls
- Easy tubehead positioning
- Arm reach can be set to your needs



True diagnostic value

The high frequency constant potential technology improves image quality and is not affected by line voltage fluctuations. The constant potential technology delivers harder, more highly energized radiation and reduces the amount of soft radiation compared to conventional AC generators.

MINRAY is compatible with all digital imaging systems based on imaging plates (i.e. DIGORA) or CCD sensor technology.



Clear and easy operating controls

Very clear and easy to use

MINRAY control panel provides pre-programmed exposure settings for adult and child, choice of 60 and 70 kV for optimized contrast, film and digital modes and exposure time range between 0.02 and 3.2 seconds. It's also easy to choose your own exposure settings and efficiently store them to memory.



The user-friendly control panel can be installed in the wall box or be remote mounted in almost any location. The remote mounted control panel has a specific Push-bar exposure switch.

Advanced ergonomics

Specially designed tubehead handle makes tubehead positioning precise and easy

MINRAY has a steady arm system that allows you to move the arm smoothly and keeps the tubehead motionless during exposure. The tubehead handle allows one-hand movement of the tubehead and enables fast and easy positioning.



Versatile arm reach

This unique feature allows the arm reach to be set to your versatile needs. MINIRAY's extendable horizontal arm system gives you freedom of choice! You don't need to choose horizontal arm length in advance. The arm length will be adjusted and fixed at the time of installation in your practice and it can be readjusted later if needed. Extendable adjustment gives versatile arm reach for your practice!



Technical specifications

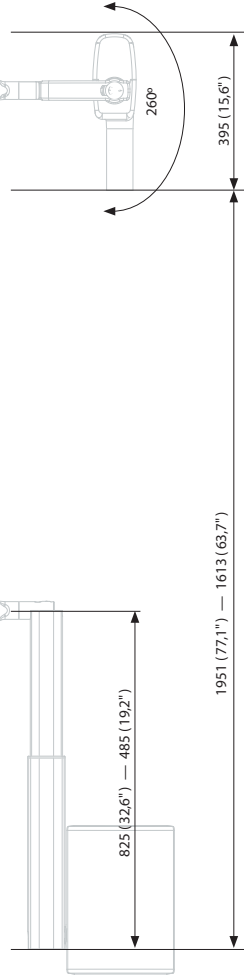
Generator	Tube voltage	Tube current	Focal spot	Line voltage
Constant potential (high voltage DC, 100-200kHz)	60 or 70kV	7 mA	0.7 mm to IEC 60336	115/230 VAC +/- 10%, 50/60 Hz
Filtration	Anode current	Exposure time range	Fuse range	Power consumption
2 mm Al	10 mA (8 mA @ 0.4)	0.02 - 3.2 seconds	5A / 230 VAC 8A / 115 VAC	1080 VA / 230 VAC 970 VA / 115 VAC

Beam limiting cones

Dimensions:
 Round Ø 60mm (2.36")
 or 406 mm (16")
 Center stud installation
 Rectangular 35 x 45mm
 (1.38" x 1.77")
 SSD (Source-Skin Distance):
 Standard cone 229 mm (9")
 Long cone 305 mm (12")



Dimensions



MINIRAY, CRANEX and DIGORA are registered trademarks of SOREDEX, GE Healthcare Finland Oy. Other product names / trademarks are property of their respective owners. CE marked. CE number 0537. Electric safety according to IEC 60601-1. Operations comply with ISO 9001, ISO 14001 and ISO 13485.

SOREDEX reserves the right to make changes in specification and features without any time limitation and without obligation. Contact your SOREDEX Representative for the most current information.
 © 2005 SOREDEX

8200993 03/05 Printed in Raisio, Finland



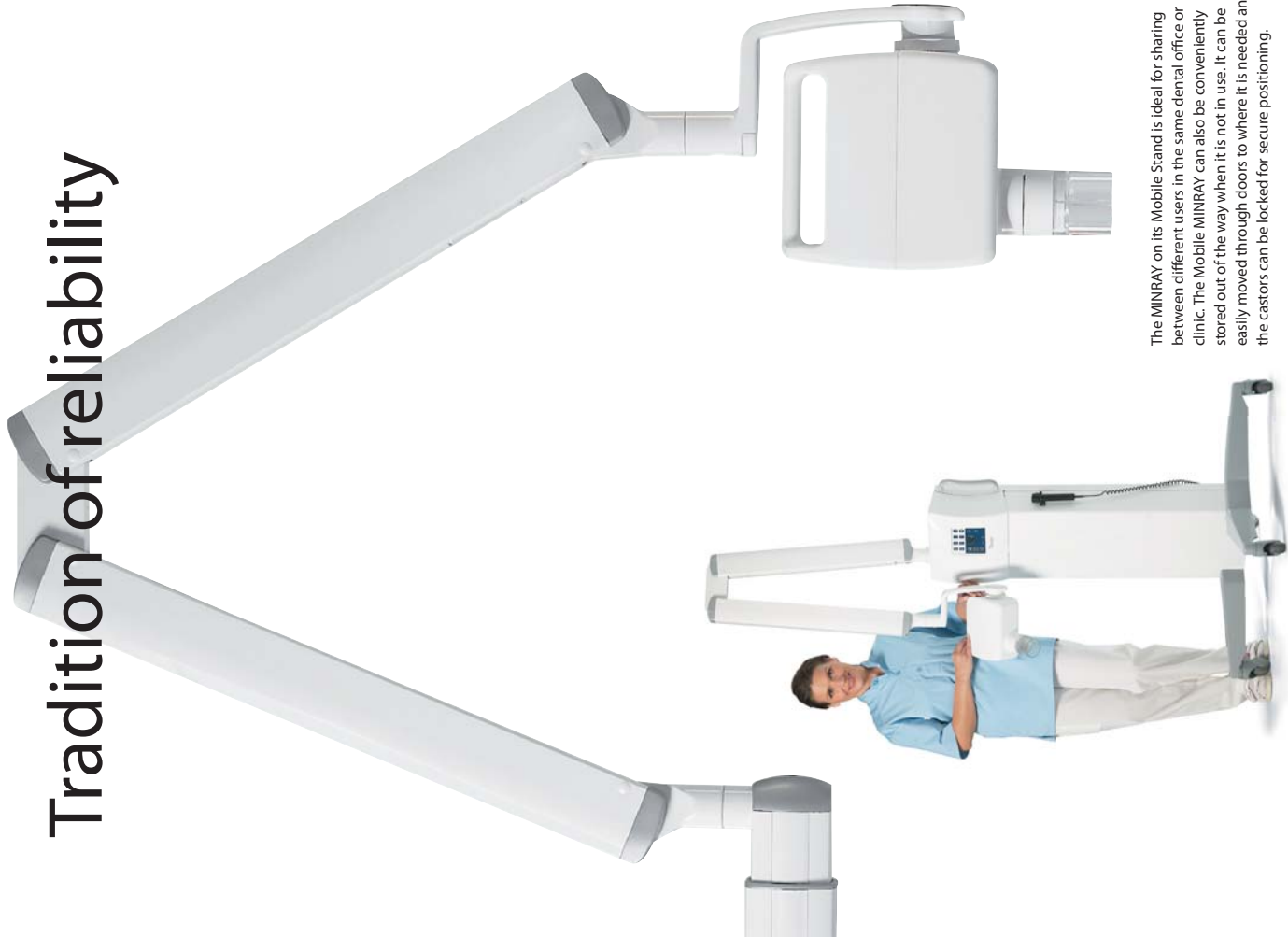
www.soredex.com / www.soredex.de / www.soredexusa.com

Main Office:
 Nahkelaite 160, Tuusula
 P.O.Box 148, FI-04307 TUUSULA,
 Finland
info@soredex.com

SOREDEX, U.S.A.
 300 W. Edgerton Ave.
 Milwaukee, WI 53207 U.S.A.
 Tel: +1 800 235 8854
 Fax: +1 414 481 8665
info@soredexusa.com

SOREDEX, Germany
 Siemensstrasse 12, 77694 Kehl,
 Postfach 20 44,
 77680 Kehl, Deutschland
 Fax: 078517 93 30 30
kombak@soredex.de

Tradition of reliability



The MINIRAY on its Mobile Stand is ideal for sharing between different users in the same dental office or clinic. The Mobile MINIRAY can also be conveniently stored out of the way when it is not in use. It can be easily moved through doors to where it is needed and the castors can be locked for secure positioning.