



CORIX[®] 70 PLUS USV

Digital X-Ray Equipment

CORIX[®] 70 PLUS-USV-WM
Wall mount. For use in pass through applications, enabling more operatory stations.

• **Standard, Short or Long Extension Arm**, to fit all your requirements.



• **Sturdy, Positioning Arm with a long reach.**
• **Moves effortlessly and folds compactly when not in use.** Ease of positioning and drift free stability.

• **70 KVp Tubehead**
Assures high quality, sharp, and well-defined images in intra-oral radiography by using a new state of the art, grid focused, x-ray tube.

Simply select the desired tooth and patient size, and you're on your way. A powerful microprocessor will automatically choose the exposure time, according to the type and position of the tooth; options of three patient sizes; film or digital sensor; with automatic compensation for the main voltage variation or manual override, if required. Technical factors are displayed on a bright LCD screen, with a submenu that will provide a wide range of additional information and options.

CORIX[®] 70 PLUS- USV-PS
Mounted on a portable stand for field applications.

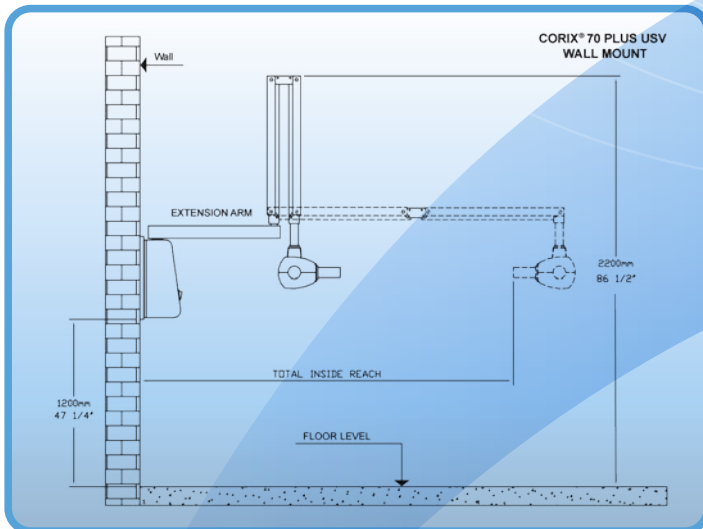
CORIX MEDICAL SYSTEMS[®]
Technology and reliability in x-ray equipments, since 1974.
Manufactured in North America.
(Pictures of mod. WM and MM showed)



CORIX[®] 70 PLUS-USV-MM
Mobile Stand. Mobile unit that allows reaching separate operating stations, on a sturdy and stable rolling stand.

70 KVp TUBEHEAD

A new, modern, 70 KVp-8mA Tubehead with a small focal spot, low energy x-ray filter and beam-limiting device, assures outstanding sharpness and maximum details in intra-oral radiography. Lead shields, and critical components, are oversized to provide more years of safe and trouble free operation.



LONG REACH DOUBLE POSITIONING ARM

The long reach scissors arm moves effortlessly through a wide area, yet folds compactly when not in use. Ease of positioning and drift free stability.

STANDARD, SHORT OR LONG EXTENSION ARM (WALL MOUNT VERSION)

Designed to fit your requirements:

Standard Extension Arm provides a total inside reach of 180.6 cm. (71 1/8")
 Optional Short Extension Arm provides a total inside reach of 135.6 cm. (53 3/8")
 Optional Long Extension Arm provides a total inside reach of 190.5 cm. (75")

CORIX® 70 PLUS IS A WALL MOUNTED, MOBILE OR PORTABLE SYSTEM

Conditions in your practice will dictate where to perform x-ray examinations. With the CORIX® 70 PLUS-USV you can choose the option that best fits your needs:

CORIX® 70 PLUS-USV-WM WALL MOUNT

Wall mounted on a double stud console (single stud console optional) in the x-ray room or directly in the treatment room. Can be mounted optionally on side-by-side operator stations.

CORIX® 70 PLUS-USV-MM MOBILE STAND

Mobile unit that allows reaching separate operating stations, on a sturdy and stable rolling stand.

CORIX® 70 PLUS-USV-PS PORTABLE STAND

Easy to assemble, and transport, for field applications.

LCD DISPLAY AND CONTROL PANEL

A new generation of easy to pre-set, Digital Exposure Timer, with a three digit LCD Display, fully compatible with the fastest film or digital imaging system with an array of sub-menu options only provided by Corix Medical Systems®:

- Nine factory pre-set memorized programs with exposure time selections or manual override.
- Selection for 3 different patient sizes.
- Film or CCD sensor selection.
- Four options of pre-heating time selections for the x-ray tube.
- Line voltage compensated exposure time, or manual override, if required.
- Exposures counter.
- Precision integrated digital voltmeter for monitoring the mains voltage variations.
- Three internal exposure time calibration factors, to compensate for the sensitivity of the film or the CCD sensor.
- Optional, integrated high quality filmless digital sensor.
- Optional, remote x-ray button.
- Optional, safety double x-ray buttons.



Technical Features

RATED LINE VOLTAGE	120V. +/-10% (109-132 V.a.c.), 50/60Hz.
POWER CONSUMPTION	1.050 KW max @ 132 V.a.c.
RATED TUBE POTENTIAL	70 KVp +/- 7% (Single phase, self rectifying).
RATED TUBE CURRENT	8 mA +/- 15% @ 120 V.a.c.
EXPOSURE TIME RANGE	0.03 to 3.00 s., in steps of 0.01 s. Plus 27 pre-set exposure times, with automatic main voltage compensation. Four different Pre-heating times pre-selected by the user are available for loading the x-ray tube (Pre-heating time is not shown on the display).
MINIMUM SOURCE TO SKIN DISTANCE	200 mm. (8")
RADIATION LEAKAGE @ 1 m.	Less than 50 mR/h (Technical Factors: 70 KVp, 8 mA, 1s).
FOCAL SPOT	0.8 x 0.8 mm.
TOTAL FILTRATION	2 mm. Al eq.
NET WEIGHT	Mod. WM (Wall Mount): 29 Kg. Mod. MM (Mobile Stand): 41 Kg.
SHIPPING WEIGHT	Mod. WM (Wall Mount): 34 Kg. Mod. MM (Mobile Stand): 47 Kg.
SHIPPING DIMENSIONS	Mod. WM (Wall Mount): 1 Box, 131 x 53 x 26 cms. Mod. MM (Mobile Stand): 2 Boxes, 111 x 34 x 25 cms., and: 87 x 38 x 33 cms.



coramex S.A.

Lions Dental Supply 951-276-3225

Corix®, and: Corix Medical Systems®, are Registered Trademarks of Coramex, S.A.
 Images in this brochure may contain optional items.

We reserve the right to modify the design and specifications without prior notice.