



# 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.



### • 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.

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

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)

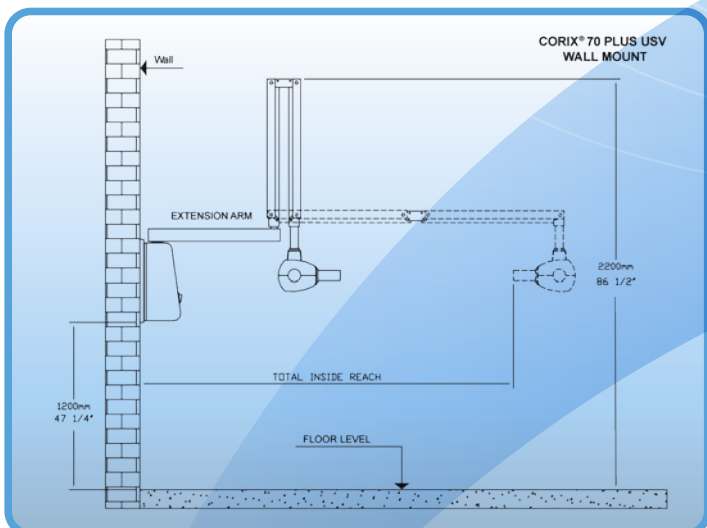


## CORIX® 70 PLUS-USV-MM

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

<b>RATED LINE VOLTAGE</b>	120V. +/- 10% (109-132 V.a.c.), 50/60Hz.
<b>POWER CONSUMPTION</b>	1.050 KW max @ 132 V.a.c.
<b>RATED TUBE POTENTIAL</b>	70 KVp +/- 7% (Single phase, self rectifying).
<b>RATED TUBE CURRENT</b>	8 mA +/- 15% @ 120 V.a.c.
<b>EXPOSURE TIME RANGE</b>	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).
<b>MINIMUM SOURCE TO SKIN DISTANCE</b>	200 mm. (8")
<b>RADIATION LEAKAGE @ 1 m.</b>	Less than 50 mR/h (Technical Factors: 70 KVp, 8 mA, 1s).
<b>FOCAL SPOT</b>	0.8 x 0.8 mm.
<b>TOTAL FILTRATION</b>	2 mm. Al eq.
<b>NET WEIGHT</b>	Mod. WM (Wall Mount): 29 Kg. Mod. MM (Mobile Stand): 41 Kg.
<b>SHIPPING WEIGHT</b>	Mod. WM (Wall Mount): 34 Kg. Mod. MM (Mobile Stand): 47 Kg.
<b>SHIPPING DIMENSIONS</b>	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.

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