



## PHOT-XiS LCD

DC Intraoral X-ray



# PHOT-xIIs with LCD

DC Intraoral X-ray

Crisp imaging and ease of use makes the PHOT-xIIs with LCD an integral part of any dental practice.

## Tube Voltage Selection

PHOT-xIIs with LCD has 2 tube voltage selection settings to optimize diagnostic imaging:

### [60 kV] Setting Provides:

- Balanced contrast for general caries detection
- Excellent definition and detail for periapical and bone structure imaging

### [70 kV] Setting Provides:

- Imaging for the examination of patients periodontal disease condition
- Improved pediatric imaging when used in combination with decreased exposure time settings to compensate for patient motion during exposures

## Simple Operation

- 1-Position X-ray
  - 2-Select automatic programmed settings for patient type and tooth type
  - 3-Press the exposure switch
- Settings can be manually adjusted from automatic settings with touchscreen controls.

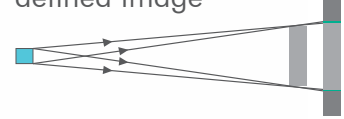
## Image Clarity

Small 0.4mm focal spot produces the sharpest image possible.

Large focal spot reduced image definition



0.4mm focal spot sharply defined image



## Reliable DC X-ray technology you can trust from Belmont

- High resolution images from a 0.4mm small focal spot
- Reduced skin entrance dosage
- Easy to position, compact tube head
- Customizable settings to match popular sensors for digital imaging



### Lightweight Tube Head

The compact tube shape head is easy to hold and is attached to a rugged scissor arm. The scissor arm ensures stable and accurate positioning.



### Sensor Holder

Sensor holder provides a convenient and visible location to place digital sensors (not included).



### BellLink wireless kit

BellLink wireless interface kit option provides the capability to directly connect digital intraoral sensors to your computer without the hassle of running an additional cable.

## LCD Touch Screen Panel

The new LCD touch screen panel enhances operator experience by providing a brightly lit graphic display interface for selection of imaging parameters.



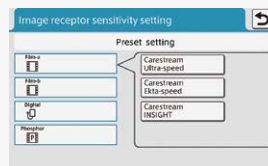
- A** Radiation dose display provides the total accumulative radiation dose for each patient. Reset the display window by touching & holding for several seconds.
- B** Decrease or increase exposure time by pressing the Down or Up arrow to obtain the desired image setting.
- C** The radiation dose of each individual exposure is displayed in the LCD widow.

LCD touchscreen sub-controller display controls can be configured for English, Spanish, French, and German language.



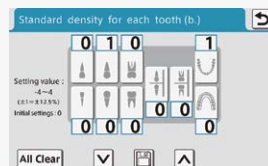
### Screensaver Feature

A built-in USB port for uploading screen images gives operators the ability to customize the LCD screen appearance or for promoting the dental practice brand.



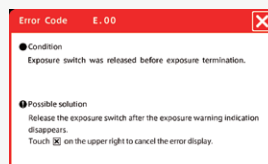
### Sensitivity Setting

Select digital sensor to be used from the on-screen library, and optimized sensitivity settings will be selected automatically.



### Tooth Density

Tooth density settings can be adjusted from the default setting for each tooth by pressing the UP or Down arrows.



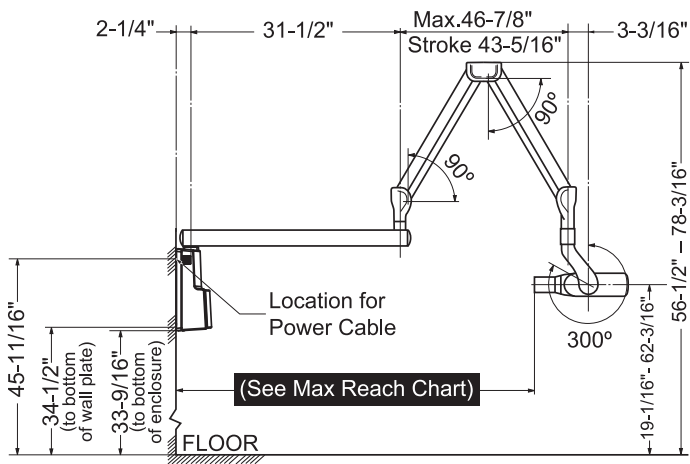
### Troubleshooting

If the X-ray should encounter any abnormal conditions, an error message will be displayed on the LCD sub-controller screen, as well as the suggested troubleshooting solution for the abnormal condition.

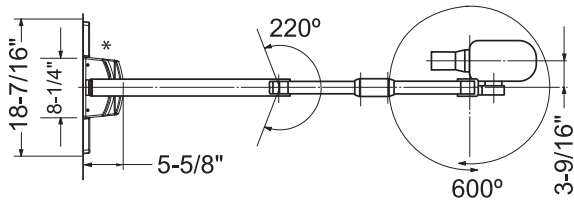


## Dimensions:

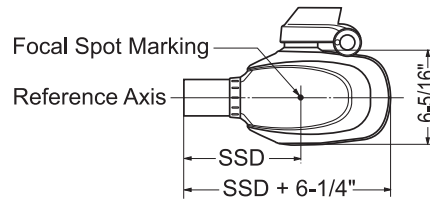
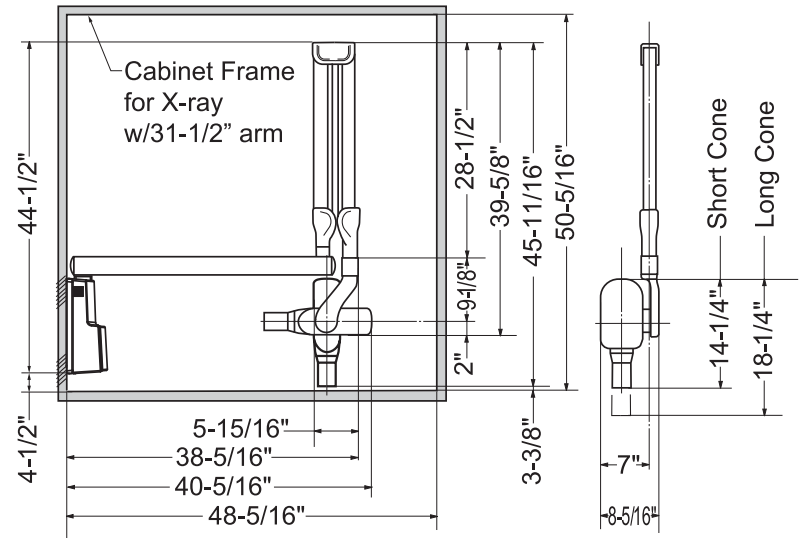
### Wall Mount



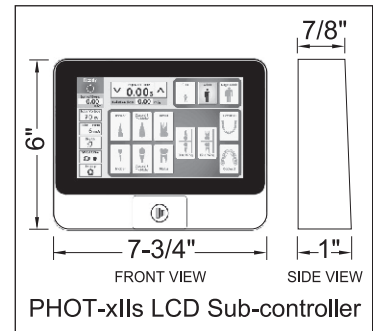
Maximum Reach:	84-1/8" with 40.0" arm	64-1/8" with 20.0" arm
	75-5/8" with 31.5" arm	56-1/8" with 12.0" arm



### Pass-thru mount



- SSD (Source to Skin Distance) :**
- a. Regular cone-----8 inches (203 mm)
  - b. Long cone-----12 inches (305mm)



## SPECIFICATIONS

Selectable kV:	60-70 kV
Focal Spot:	0.4 mm (IEC60336)
Voltage:	120 VAC
Rated Line Current:	10A at 70kV, 6 mA
Exposure Time:	0.01 - 2.0 Seconds
Minimum Filtration in useful Beam:	2.0 mm Al Equivalent at 70kV
Selectable mA:	3mA / 6mA
Source to Skin Distance (SSD):	Standard Cone: 8" Optional Long Cone: 12"
Additional Options:	Pass-Thru Plate for 4x4 stud mounting Coiled wire remote switch Long 12" Cone Bel-Link Wireless interface for Digital Sensors

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