

Reliable DC X-ray by Belmont

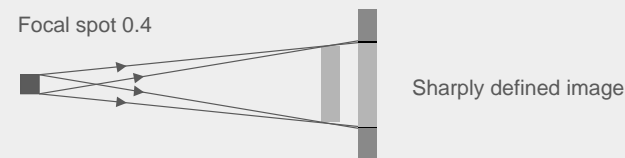
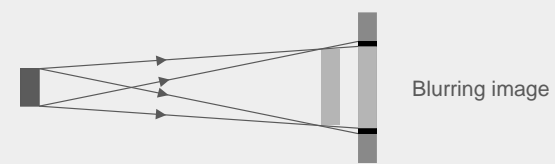
Belmont's High Frequency Technology allows for

- High resolution image by a small focal spot
- Reduced skin dosage with optimum radiation level for every diagnostic need
- Easy to position compact tube head
- Ideal matching for digital imaging system

Standard Sub-controller

Features

Small 0.4 focal spot value for the sharpest image possible



Easy to position compact tube head

The tube head is lightweight, compact and easy to hold. This enables the operator to align the tube head accurately every time.

Realization of slim and light arm

Light head, smooth movement

Our spring arm is designed to have a good balance with load and repulsive force at any position within the movable range and make it possible to make tube head stay at any point when the hands are released. Moreover, well balanced rigidity design helps to reduce the vibration of the tube head after positioning. These methods realize the smooth and easy positioning of the tube head.

Radiation dosage

PHOT-XIIs utilizes a Direct Current (DC) generator to minimize radiation absorbed by patients. In addition, there are 36 programmable exposure time settings between 0.01 to 2.0 seconds to fine tune the precise amount of radiation required to produce an excellent radiographic image.

Optimum radiation level for every patient

The operation is simple. Select patient type and tooth type, then press the exposure switch. The exposure time can also be adjusted manually. After the exposure, the radiation output can be displayed in the window.

Tube voltage selection

PHOT-XIIs provides 2 tube voltage settings to optimize imaging for specific purposes:

[60 kV Setting]

- Setting provides balanced contrast for general caries diagnostic imaging.
- Setting provides excellent definition and detail for periapical and bone structure diagnostic imaging.

[70 kV Setting]

- Setting provides excellent diagnostic imaging for periodontal disease examination.
- Setting provides a wider latitude and longer gray scale.

Five types of installations

- WK Wall mounted type
- RK Room type with stool
- FM Mobile type with castors
- FK Floor mounted. Sub-controller can be installed on the pole (FK1) or on the wall (FK2)
- CK Ceiling mounted type. Dental light can be mounted on the pole as an option (CKL Type)



WK Type (Sub-controller can be mounted on the main controller or on the wall)

RK Type



FM Type

FK1 Type



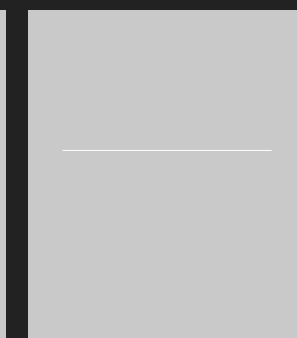
CK Type

Options

- Horizontal arm length of WK Type is selectable : 300 mm, 500 mm, 650 mm, 800 mm (standard) and 1000 mm
- Ceiling pole length of CK / CKL Type is selectable : 600 ~ 1350 mm
- Long cone (Short cone + Long cone collimator) for paralleling technique
- Rectangular collimator
- Hand exposure switch with coiled cord (Option for WK, RK, FK2 and CK. Standard for FM and FK1.)



Short cone + Long cone collimator



Short cone + Rectangular collimator



Hand exposure switch