

## Technical Specification Dental X-ray Machine

DENTAL X-RAY UNIT 70 KV, TO 7 mA or more

70 KV, up to 7 mA or more (AERB approved), with digital timer

High frequency DC

Dental X-Ray built in automatic arch timer and timer can be adjusted manually, if required Mode for adult, Children & RVG

Specification:-

- 1) Operating voltage: 220-230 VAC - 50HZ (+/-10%)
- 2) Exposing time: 2 Sec.(Max)/0.05 or less Sec(Min.)

Features:-

- Digital display provided for Exposure time setting
- Easy exposure time set control by soft touch buttons.
- Automatic power cut off at low/high voltage as a safety measure for X-Ray tube head.
- Microprocessor based controller for setting accurate exposure time.
- X-Ray tube angulation.
- X-Ray tube can be moved to any position convenient to the patient with the help of Arm and Hinge arrangements. The X-Ray tube can also rotated around its axis both vertically (270 degree) and horizontally (360 degree) to help selection of correct angulation.

Technical Data:-

Frequency :50/60Hz

Input current: 220/240V

Tube Voltage:70 KV

Anodic current: up to 7 mA or more

Total filtration: 2 mm Al

Focal film dis:20 cms.

Focal spot:0.5 to 0.8 mm

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**Note:** - It is very important; X-Ray should have the BIS/European CE/US FDA Mark for the specification model offered.

AERB certificate for the specific model is must.

The unit should be provided with DAYLIGHT DEVELOPING SYSTEM:

Manual Day light X-Ray developer: It is a compact developing system with viewing window.

The total body construction is of non-corrosive fiber glass.

Supplied with:-

- a) Non corrosive tanks for solutions - 3 Nos.
- b) Hanger of 10 clips - 1 No.
- c) Loose clips - 5 Nos.

There should be guarantee of Three Years.

CMC shall be given @ 5 % for 5 years after guarantee period with 5 % escalation every year

Demonstration of the equipment should be required

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