

AERB APPROVED DC X-RAY



ALERIOTM DC DENTAL X-RAY

SMOOTH DRIFT FREE ARM
EASY MOVEMENTS & POSITIONING

DOUBLE SHIELD TECHNOLOGY
FOR VERY LOW LEAKAGE RADIATION

INTELLIGENT CONTROLS
ONE TOUCH SELECTIONS FOR EASY USE

IN-BUILT STABILISER
FREEDOM FROM UNRELIABLE MAINS VOLTAGES

DIGITAL SENSOR COMPATIBLE
GO FILM LESS GO MODERN

Available as
- Wall Mount with Scissor Arm
- Floor Mount with Scissor Arm
- RF Remote Option

Directly Purchase from
our factory or through a
Dealer near you.

ALERIO DC is a High Frequency DC output Intra Oral (IOPA) X-Ray machine compatible with Digital Sensors or regular Film based imaging. It is designed for producing high quality dental X-Ray images with minimum exposure.

DC output produces X-Ray of superior quality as compared to conventional AC X-Ray. Digital Control and in-built stabiliser ensure accurate and repeatable exposures resulting in consistent performance.

Overall exposure time and x-ray dose is reduced by more than 50%. Double Shielding Technology ensures that leakage x-rays are dramatically lower than recommended values, ensuring added safety for the doctor and patient.

ALERIO X-Rays are manufactured in India and expect the best in after sales support and lowest cost of ownership.

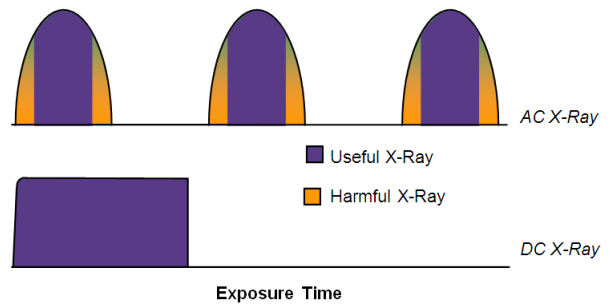
Have questions on product price,
performance or service? Talk to
us directly on anything related to
Dental X-Rays!!

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DC X-Ray is the 'Next Generation' X-Ray imaging technology. It produces stable x-rays unlike the pulsating type in a conventional X-Ray machine. The distinct advantages include lower exposure time, lower x-ray dose, better imaging and flexibility in choosing image contrast levels. In addition **ALERIO** DC X-Ray has in-built stabiliser and is immune to mains voltage fluctuations.



DC X-Ray Equipment design uses advanced electronics and mechanics. Most DC X-Ray systems available are imported and expensive. **ALERIO** DC offers a cost effective local alternate for these advanced equipment

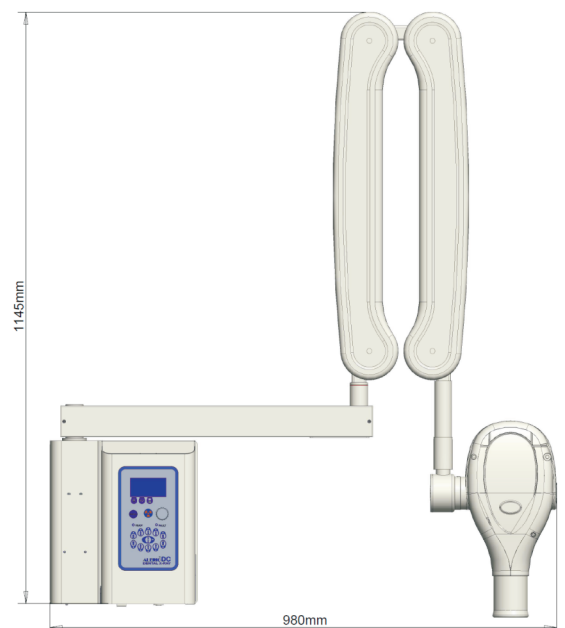
DC X-RAY : Advantages

- Lower X-Ray Dose
- Longer life for Digital Sensor
- Mains voltage variation immunity
- kV selection options
- Intelligent control
- Consistent image quality
- Lower weight



TECHNICAL SPECIFICATIONS

Generator	High Frequency type , 150kHz o/p
Generator Control	Closed loop controlled
Tube kV	60kV (DC) or 70kV (DC) selectable
Tube mA	6mA fixed
Exposure Time	0.01s – 1s for pre-programs
Focal Spot	0.8mm IEC
Duty Cycle	1:15; Self Limited.
Leakage Radiation	< 10mR/hr (< 0.1mGy/hr)
SSD (In-Built)	Minimum 200mm
Line Voltage Tolerance	180V – 264V (Automatic In-Built Stabiliser)
Line Current (Momentary)	6A at 230V
Inrush Current (< 10ms)	< 15A
X-Ray Field	60mm at 200mm
Inherent Filtration	2.2mm Al eq
X-Ray Controls	Wired hand held dead man type / RF Remote
Control Panel	Graphical LCD Display
	Anatomical Pre-Sets
Mounting Options	Wall Mounted
	Floor Mounted Mobile Stand



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All data, images and specifications in this brochure are indicative. The company reserves the right to modify the product as part of its continuous product improvement process