



ALERIO[®] Smart 5000

MOBILE X-RAY SYSTEM

- 100 kHz HF DC Generator
- 120 mA / 100 kV / 5 kW
- Digital Command & Controls
- Compact Size and Weight
- Easily Manoeuvrable
- Programmable APR Feature
- In-Built Stabilizer

ALERIO Smart 5000 is a compact yet powerful Mobile X-Ray Machine for general radiographic procedures. It uses advanced High Frequency DC Output x-ray generation technology. The overall size and weight of the equipment is low, making it ideal for mobile applications. The DC output enables good images at lower exposure settings. The equipment can be powered from a standard power outlet. It has an in-built stabilizer to take care of voltage variations. **ALERIO** Smart is 'Made in India' and comes with warranty and support. It is designed to conform to IEC requirements on safety and performance. The unit is BIS and AERB regulatory certified and manufactured as per ISO standards.



SPECIFICATIONS

Model	ALERIO Smart 5000 SX
Generator Type	High Frequency DC Output
Output kV	40kV-100kV in steps of 1kV
Output mA	120mA maximum
Output Power	5 kW
MAS Range	0.3-250mAs
Exposure Time	0.01s – 5.0s
Focal Spot	2.2mm IEC Stationary Anode
Leakage Radiation	< 1mGy in one hour / (<50mR/hr)
Collimator	Manual Collimator with LED bulb
Dimensions Footprint	850mm x 690mm (Floor Area)
Overall Weight	< 80kg
User Interface	Digital with APR and Exposure Switch
Mains Voltage Range	180VAC – 260VAC, 15A

Typical Usage Environment

- Clinics, Laboratories & Hospitals
- ER & Patient Bedside X-Ray
- Remote Locations & Home Visits
- Secondary to Fixed X-Ray

