ALERIO®
Smart 4200
MOBILE X-RAY

Economical, Compact, Powerful

HF MOBILE X-RAY

IATOME

AERB Approved
Intertek — ISO 13485:2016 CERTIFICATION™
BIS Certified — IS:7620(PART-1)/1986 — CM/L-4758079
MAKE IN INDIA

Manufacturer, Sales, Service :
IATOME ELECTRIC (I) PVT. LTD.

Enquiry & Sales

M: +91 97875 05551 | 88700 11990 | P: (0)422-4220264
Toll-Free: 1800-833-8090 | E: sales@alerio.in | W: www.alerio.in
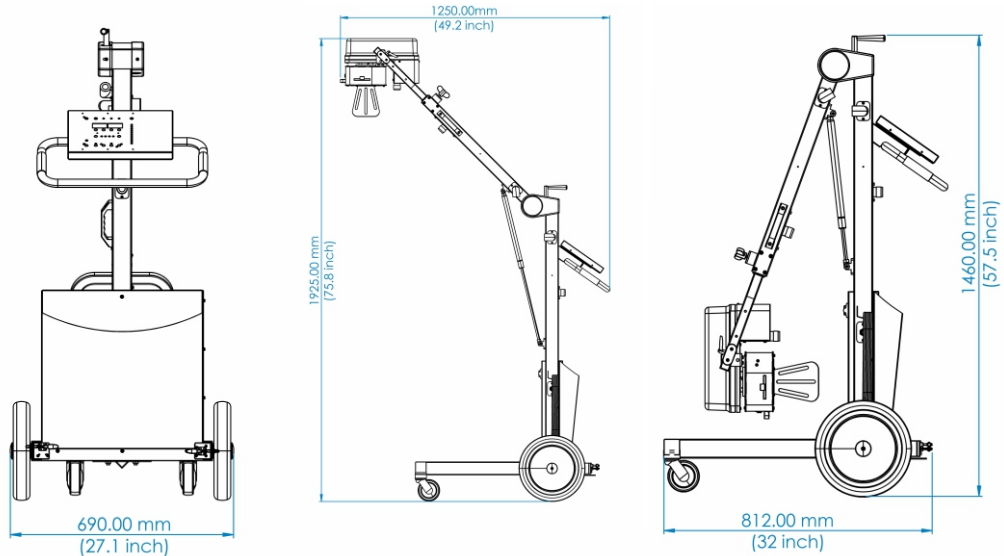
SPECIFICATION

Model	ALERIO Smart 4200
Generator Type	High Frequency DC Output
Output kV	40kV-120kV in steps of 1kV
Output mA	100mA maximum
Output Power	4.2 kW (100kV, 42mA)
mAs Range	0.1-250mAs
Exposure Time	0.01s – 5.0s
Focal Spot	0.6mm / 1.8mm IEC
Leakage Radiation	< 1mGy in one hour / (<100mR/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

ALERIO Smart 4200 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 applications with space constraints. The DC output enables good x-ray imaging at lower exposure settings. The equipment can be powered from a standard power outlet. It has an in-built voltage stabiliser to counter mains voltage variations. The equipment has a selectable second focus for finer low dose imaging. ALERIO Smart is designed and Made in India by an ISO 13485 certified company. It comes with warranty and support. The unit is BIS and AERB regulatory certified.

Typical Usage Enviroinment

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

40kV-120kV, 100mA
250mAs, 4.2kW
Dual Focus

1250.00mm (49.2 inch)

1925.00 mm (75.8 inch)

690.00 mm (27.1 inch)

1460.00 mm (57.5 inch)

812.00 mm (32 inch)

FEATURES

- 100kHz HF DC Generator
- 100mA / 40-120kV / 4.2kW
- Dual Focus LF 1.8mm & SF 0.6mm
- Digital Command & Control
- Compact Size and Weight
- Programmable APR Feature
- In-Built Stabiliser

Images from a ALERIO Smart 4200 mobile x-ray

Enquiry & Sales

M: +91 97875 05551 | 88700 11990 | P: (0)422-4220264
Toll-Free: 1800-833-8090 | E: sales@alerio.in | W: www.alerio.in