

Excellence In X-Ray Imaging
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ALERIO

Smart 4200MDR

DIGITAL MOBILE X-RAY SYSTEM



DIGITAL MOBILE X-RAY

4.2kW 40-120kV 100mA 250mAs

- » Dynamic
- » Compact
- » Contemporary




IATOME
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ALERIO Smart 4200 is a High frequency DC Output Digital Mobile X-Ray system equipped with integrated Touch Screen Display. The equipment can be powered from a standard power outlet. It is lightweight and highly mobile. Hence can be moved in and out of restricted space with ease.



The X-ray source uses a high frequency microprocessor-controlled inverter with feedback control. This ensures good quality x-rays are produced at almost any condition such as poor mains supply. The exposure settings are pre-programmed as per the anatomy and can be selected using the digital interface.



VERSATILE DUAL FOCUS

180VAC - 260VAC
0.6 mm | 1.8 mm IEC
Dual focus for precise imaging



COMPACT & HIGHLY MOBILE

Weights < 85 Kg
Highly manuravable compact unit.



POWERFUL & ACCURATE

4.2kW, 100mA, 250mAs
HF Closed Loop Inverter DC Output

All information, images and data provided in this document are preliminary and provisional

GENERAL SPECIFICATION

Output kV Range	40 kV - 120 kV
Maximum mA	100 mA
Maximum mAs	250 mAs
Peak Power	4.2 kW
Exposure Time Range	0.01s - 5.0s
Mains Power Voltage	150V AC - 260V AC
Focal Spot	Dual Focus 0.6 mm 1.8 mm IEC
Weight	< 85 kG
Technology	240kHz HF DC Generator
Controls	Touch User interface



SALIENT FEATURES

- > Compact Digital X-ray
- > High Maneuverability
- > High Brightness LED Collimation
- > Powerful High Frequency DC Generator

SAFETY FEATURES

- > Low Leakage Radiation
- > Active Over-Load Protection
- > Adaptive Cooling Period
- > Digital Close Loop Control

SYSTEM SPEC

15.6" 1080p FHD Touch Screen

Intel i5 10th GEN

Network connectivity (Ethernet LAN and WIFI)

8GB RAM | 512GB SSD

Windows 11 OS

External USB for Data sharing



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