

# ALERIO Smart 8000<sub>DX</sub>

DIGITAL MOBILE X-RAY SYSTEM



## DIGITAL MOBILE X-RAY

8kW | 40-120kV | 150mA | 250mAs

- » Dynamic
- » Compact
- » Contemporary



**PULSE ENERGY BANK  
TECHNOLOGY**



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**ALERIO** Smart 8000 is a High frequency DC Output Digital Mobile X-Ray system equipped with PEB technology for general radiography. 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 unit can work from a relatively lower powered mains backup generator or UPS. The exposure settings are pre-programmed as per the anatomy and can be selected using the digital interface.



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

### GENERAL SPECIFICATION

Output kV Range	40 kV - 120 kV
Maximum mA	150 mA
Maximum mAs	250 mAs
Peak Power	8kW (100kV 80mA / 80kV 100mA)
Exposure Time Range	0.01s - 5.0s
Mains Power Voltage	150V AC - 260V AC
Focal Spot	2.0mm IEC
Weight	< 120 KG
Technology	HF DC Generator
Controls	Touch User interface



### SALIENT FEATURES

- > PEB Technology
- > Compact Digital X-ray
- > High Maneuverability
- > High Brightness LED Collimation
- > Powerful High Frequency DC generator
- > Full Orbital Motion
- > Wide Mains Voltage Tolerance
- > Low Leakage Radiation
- > Active Over-Load Protection
- > Adaptive Cooling Period
- > Digital Close Loop Control

### SAFETY FEATURES

