



ALERIO Smart 1600 from ALERIO X-RAYS

Roadblocks of traditional X-rays. Despite its significant benefits, X-ray technology still faces few roadblocks ahead.

X-rays are harmful as it involves ionizing radiation. Specifically, AC line frequency X-ray machines emit higher radiation dose that can be absorbed by the tissues. Steps have been taken by the government and other regulatory bodies to minimize radiation exposure, but the risk still exists.

Traditional X-ray machines are stationary and require patients to come to the hospital, clinic, or lab facility. Even within a hospital setup, patient under critical care cannot be mobilized due to their medical condition and may require bedside diagnosis; this is a disadvantage.

Traditional X-ray system requires image processing and development time, leading to delays. These are crucial period being wasted awaiting diagnostic result, without figuring out the patient condition and their treatment.

Traditional X-ray machines are not easily accessible in all locations, particularly in rural settings and remote areas.

Portable is the way

Freedom of portable X-rays. Portable X-ray machines powered by direct current (DC) allow for greater accessibility, especially in remote areas or during emergencies. These devices are compact, lightweight, and can be easily mobilized.

Timely onsite diagnosis. Portable X-ray system like ALERIO 1600, powered by 2900mAh battery unit, drops the need for power source to be used, enabling faster onsite diagnosis and treatment. The DC technology produces high-quality image for diagnosis.

Radiation safety. Efforts are being made to reduce radiation exposure while maintaining image quality. Portable X-ray system like ALERIO Smart 1600 incorporates lead shielding to ensure patient and operator radiation safety.

Compatibility. Portable X-rays like ALERIO Smart 1600 has a vast application outside of the hospital settings, such as primary healthcare services, medical camps, natural disaster sites, emergency and trauma care units, military field hospitals, and even in ambulances where power availability and terrain do not permit regular X-ray equipment.

Versatility. Apart from timely detection of fractures, tumors and other deformities, portable X-ray machines act as an important onsite diagnostic tool in tuberculosis (TB) prevention and care. Similarly, chest X-ray is the main imaging test used to diagnose Covid-19 pneumonia.

India leading the way

ALERIO Smart 1600 are made in India. They are designed and developed in-house, keeping simplicity, versatility, and economy in mind. They are cost-effective in terms of first investment and service maintenance. ALERIO X-rays are AERB approved and BIS, ISO safety certified. They also offer 2-year product and service warranty, along with lifetime onsite support in India. This affordability, safety, and after-sales support enables portable X-ray machines like ALERIO Smart 1600 add value by extending the reach to a larger population.

Experience the power of a compact X-ray machine like ALERIO Smart 1600.

Book a demo by call @ 74183 95551 or through website www.alerio.in.



Sathesh K,
Marketing Specialist,
ALERIO X-RAYS

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Excellence in X-Ray Imaging
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ALERIO
Smart 1600
PORTABLE X-RAY SYSTEM



BATTERY POWERED DC X-RAY

1.6kW 40-90kV 40mA 40mAs

"The Power of Accurate, Safe, Convenient & Timely X-Ray Diagnosis"



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IATOME
www.iatome.in

+91 9787505551 | +91 9943475551 | +91 7418365551 | +91 8870011990
sales@alerio.in | enquiry@alerio.in
IATOME ELECTRIC (I) PVT LTD, COIMBATORE, INDIA - 641049

Bangalore | Mumbai | Chennai | Hyderabad | Ahmedabad | Delhi | Pune | Kolkata | Surat | Visakhapatnam | Indore | Jaipur | Nagpur | Patna | Lucknow



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