

SKANMOBILE

High Frequency

Mobile Radiography System



AERB
APPROVED

UL
APPROVED



RADIOLOGY



MONITORING



CARDIOLOGY



ANAESTHESIA



VENTILATION



DENTAL



SURGERY



TELE SOLUTIONS



VETERINARY

SKANMOBILE

SKANMOBILE is a light weight mobile unit powered with 4 kW, 100 mA, 250 mAs High Frequency Generator for high quality X-Ray imaging.

Advanced Technology for High Performance

SKANMOBILE has an integrated Tube Head working on a DSP based dual processor computation mode for “on the fly” control. The 200 kHz switching combined with sub-micro second error correction rate ensures highly stable X-Rays. The Anatomical Programmed Radiography (APR) feature with two step manual mode makes operation intuitive and simple.

Seamless Mobility

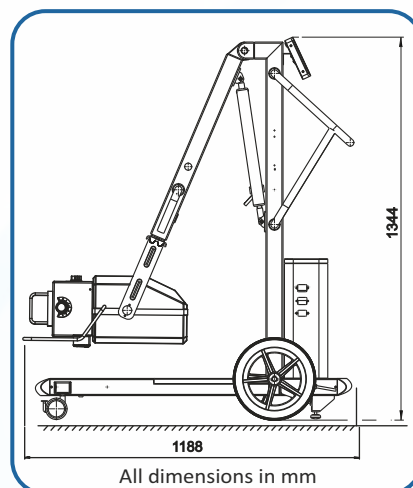
SKANMOBILE is an ultra lightweight mobile X-Ray unit perfectly balanced to move around anywhere in the hospital; through a ramp or in the lift. The stability is ensured through a unique design and a well balanced tube-head. The ergonomically designed Skanmobile can be positioned to suit different bed heights. The vertical and horizontal swing of the tube-head enables X-Ray of any anatomy within limited space.

DC Technology for Affordable X-Ray Systems

SKANMOBILE draws clean power from the mains. It consumes negligible power in stand-by mode and conserves energy during operational mode. The Green Mode Universal Power Source enables consistent image quality while operating from 230 V, 16 A, single phase AC power source (110 V model also available on special request).

Patented Safety Technologies

The unique **SkanSHIELD**® technology results in virtually zero-leakage radiation ensuring both patient and clinician are not exposed to unnecessary radiation. Skanray's **SkanSAFE**® technology enables precise digital control for X-Ray generation and thus eliminates soft radiation. The precisely controlled collimator ensures accurate focusing of X-Ray beam on the required area closely matching with the light field. The fail-safe secondary locking mechanism ensures that the horizontal arm is doubly protected against accidental overloading or mishandling.



Applications

- ✓ Neo-Natal ICU
- ✓ Adult ICU
- ✓ Emergency
- ✓ Operation Theatre
- ✓ Wards
- ✓ Rural Clinics
- ✓ Mobile Health Camps
- ✓ Ambulance (On request)
- ✓ Military

Mobile X-Ray unit Technical Specifications

Generator: DSP controlled, High Frequency, 4 kW
Input voltage: 230/110V Single Phase AC, 50/60 Hz
KV range: 40 kV to 100 kV in steps of 1 kV
mA range: 10 mA to 100 mA
mAs range: 0.1 mAs to 250 mAs
Exposure time: 10 msec to 5 sec
Indicators and controls: Set kV & Set mAs, Exposure ready & Fault
X-Ray tube: Stationary anode type
Focal spot: 1.8 IEC 60336
Maximum X-Ray field: 480 mm x 480 mm at 1 m from focal spot
Leakage radiation: <50 mR/hr at 1 m from focal spot
Trolley arm extension: 23° to 139° vertical
Tube head vertical rotation: < 290°
Tube head horizontal rotation: 360°
Collimator rotation: -90° to +90°
Total weight of the **SKANMOBILE**: 83kg Maximum



CUSTOMER INTERACTION CENTER

Toll Free No.: **1800-425-7002**
Email : cic@skanray.com

Monday to Saturday - 10AM to 6:45PM

Distributor:

Warning: The equipment is to be used by only qualified Medical Personnel and in accordance with instructions of the manufacturer, as specified in the User Manual. It should be serviced and maintained by the Company's authorized service personnel.

Skanray continuously upgrades its technology, performance and safety features. Pictures and specifications featured in this catalogue are only indicative. Please refer to the commercial offer document for exact specifications and performance.

Skanray Technologies Pvt Ltd.

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