

Portable X Ray Machine

Frequency mobile X ray machine with output 60mA or more. The mobile X ray equipment is required to perform x ray studies in emergency and trauma center and bedside in wards and ICU. The unit should be compact, lightweight and easily transportable. It should have following specifications.

1. The unit should be operating on mains voltage from single phase 170-260V AC.

2. **Generator:**

- Power: 2.5 KW or more
- KVp range: 40-100KVp
- mAs range: 200mAs or more
- mA range: 30 mA- 60 mA
- Exposure time: 3 ms to 4 sec.

3. **X ray Tube:** Stationary Anode tube.

4. The tube stand should be fully counterbalanced with rotation in all directions.

5. The unit should have automatic calibrator. It should have auto shut off facility for Lamp.

6. The equipment should have cassette storage Box for minimum of 4 cassettes.

7. The equipment should be light weight not more than 160 KG.

8. The unit should have small foot print.

9. The height of the column stand should not be more than 150 cm for easy transportation in the Lift and areas of small height doors.

10. The unit should have effective braking system for parking.

11. The equipment should be AERB approved.