



PT. SRI INTAN PERKASA



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MDX - 100M

100mA Mobile X-ray

Cooperated with
Recorders & Medicare Systems Pvt Ltd



MDX-100 M



PT. SRI INTAN PERKASA



- Electronic Timer
- Electronic Overload Protection Device
- Stationary Anode X-Ray Tube
- Mobile Counter Balanced Stand
- Suitable for Bed Side X-rays



OUTPUT RATING (RADIOGRAPHY)

- 8KW as per IS : 7620 (Part 1) : 1986
- 100mA at 45 to 100 KVP
- 50mA at 45 to 100 KVP
- 25mA at 45 to 100 KVP

KVP RANGE

45 to 100KVP in Steps of 5 KVP/Step.

TIMER

Electronic Timer with timing range from 0.04 to 8 Sec. in 24 steps.

CONTROL PANEL

- Digital display of mAs, KVP and Radiographic mA.
- Voltmeter to indicate line voltage.
- mA meter to indicate tube current.
- Voltage compensator Coarse and Fine to compensate for input voltage variation.
- Booster transformer for stabilization of filament voltage.
- Tech. selector for selection of Rad mA.
- KVP selector from 45 to 100 KVP.
- Time Selector switch for selection of Rad. Time.
- A Dual action Hand switch is provided on the Panel with retractable cord for radiation Protection.
- Push to ON/Off Type Switches for Machine ON/OFF.
- Indicators for Line ON, X-Ray ON, Overload & Bucky ON.

SAFETY FEATURES

- Automatic trip off overload circuit breaker.
- Electronic overload protection with simultaneous protection from high input voltage/KVP/mA/Time provided.
- Fuses for all circuits provided in the machine.

TUBE HEAD

- Self Contained Tube Head with Stationary Anode X-Ray Tube (Imported), Focal Spot of 2.8 mm².
- Compact Heavy Duty Full Wave Rectified H.V. Transformer and High Voltage Silicon Rectifiers immersed in oil and hermitically sealed.
- Tube head can be tilted 360° with full flexibility for use in operation theatres and in ward for bedside Radiography.

TUBE STAND

Mobile Counter Balanced (MCB)

ACCESSORIES

- (a) Manual Light Beam Collimator
- (b) Hand Switch with retractable cord
- (c) Aluminum filter

POWER SUPPLY

230 Volts AC, $\pm 10\%$ Line Regulation, Single Phase, 50 HZ.

With Line Resistance of 0.4 Ohms as per IS: 7620 (1).

(Power lines having line resistance of more than 0.4 Ohms may limit the output of X-Ray generator.)

