

DIAGNOSTIC X-RAY UNIT

300/500mA (125 Kv) X-ray Unit With Motorup Table

AERB
approved

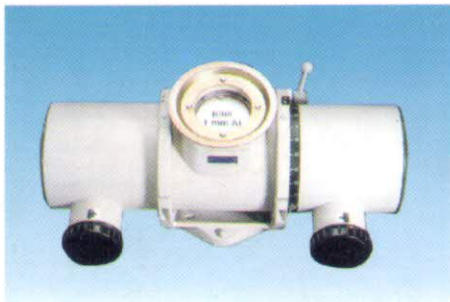
IS : 7620



Part - I



Two Pulse Diagnostic X-ray unit 22 Kw/36 Kw with motorised table approved IS - 7620 and AERB STANDARDS.



R. A. X-ray Tube



500 MA Control



H T Transformer

BIOMEX 300 MA 125 KV Radiography Output

Large Focus	300 mA From 40 to 90 Kv upto 0.4 Sec (120 mAS)
	200 mA From 40 to 100 Kv upto 1.3 Sec (260 mAS)
	100 mA From 40 to 125 Kv upto 3.0 Sec (300 mAS)
Small Focus	150 mA From 40 to 90 Kv upto 2.0 Sec (300 mAS)
	100 mA From 40 to 100 Kv upto 5.0 Sec (500 mAS)
	50 mA From 40 to 125 Kv upto 5.0 Sec (250 mAS)

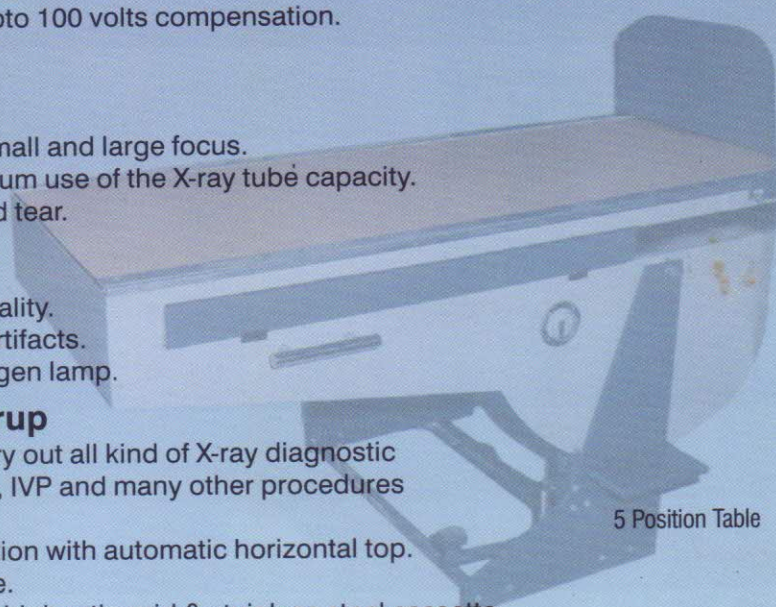
BIOMEX 500 MA 125 KV Radiography Output

Large Focus	500 mA From 40 to 70 Kv upto 0.1 Sec (50 mAS)
	300 mA From 40 to 90 Kv upto 1.4 Sec (120 mAS)
	200 mA From 40 to 100 Kv upto 1.3 Sec (260 mAS)
	100 mA From 40 to 125 Kv upto 3.0 Sec (300 mAS)
Small Focus	150 mA From 40 to 90 Kv upto 2.0 Sec (300 mAS)
	100 mA From 40 to 100 Kv upto 5.0 Sec (500 mAS)

TUBE HEAD USED : BELTHX - 1 incorporating BEL-DRA-1 125/20/40 rotating anode X-Ray tube or Imported

Biomex 300 & 500 System Salient Features

- ◆ Mains compensation course and the fine steps upto 100 volts compensation.
- ◆ Digital display of KV, mA and mAs.
- ◆ Six mA Station.
- ◆ 23 steps electronic timer from 0.02 to 5 seconds.
- ◆ Spot filming on any desire mA stations both on small and large focus.
- ◆ Dynamic overload control system enabling optimum use of the X-ray tube capacity.
- ◆ Anode breaking device to reduce anode wear and tear.
- ◆ Fluoroscopic timer totaliser.
- ◆ Specially designed low loss HT transformer.
- ◆ Silicon rectifiers enabling high contrast image quality.
- ◆ Two step exposure release for reducing motion artifacts.
- ◆ Double slot motorised collimator with bright halogen lamp.



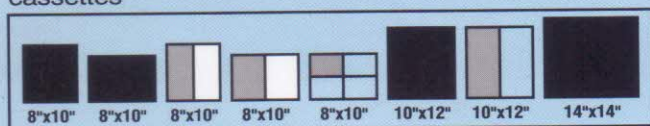
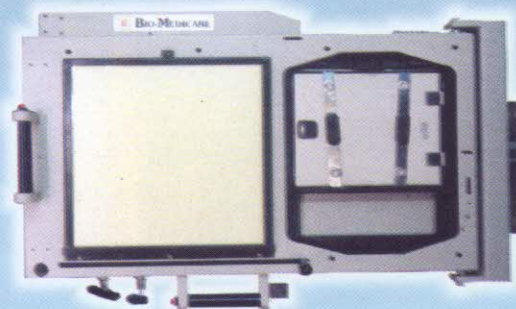
5 Position Table

Motorised Diagnostic R/F Table : Motorup

- ◆ Motorup is a standard R/F room equipment to carry out all kind of X-ray diagnostic investigation of barium studies, Myelography, HSG, IVP and many other procedures besides routine radiography and fluoroscopy.
- ◆ Motorised tilt from +90° to 12° trendlenburg position with automatic horizontal top.
- ◆ Single Tube or double tube configuration available.
- ◆ Counter balanced full travel motorised bucky with high ratio grid & stainless steel cassette Tray to take cassettes upto 14" x 17" size.
- ◆ Capable of taking vertical & angulated bucky radiographs.
- ◆ Radiation protection flap for undercoach fluoroscopy.
- ◆ Easy undercoach tube coupling in case of single tube unit.
- ◆ Manual cranking in case of powder failure.

SPOT FILM DEVICE

- Sturdy Spot film device equipped with 15" X 15" fine line X-ray grid.
- Single inbuilt coning mechanism for easy operation
- Magnetic locks
- Cough guard & stay radiation guard
- Accepts all standard size cassettes

**SPOT FILM DEVICE****COLUMN STAND :**

- ◆ Floor to Ceiling counter balanced column stand for X-ray Tube having effortless movements in all directions with necessary locks.
- ◆ Column stand adjustable to ceiling height from 8 feet to 11 feet.
- ◆ 360° column rotation,
- ◆ Lateral exposure facility possible.
- ◆ Easy and firm foot lock for floor travel.

STANDARD ACCESSORIES : 1. FOOT rest, 2. Hand Grips, 3. Compression Band, 4. Foot switch.

NOTE: DUE TO OUR CONTINUOUS PRODUCT IMPROVEMENT PROGRAM, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE
All above equipments are type approved by ATOMIC ENERGY REGULATORY BOARD as per testing done by B.A..R.C. And B.I.S (ISI) Specifications.

MANUFACTURED BY:

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MARKETED BY: