

## Grad Line Frequency Fixed (Fx) Series..

Grade LF fix Series is the total Solution for radiography, fluoroscopy and shot spot film device, with use of image intensifier systems of flat panel digital detector, making it ideal for all diagnostic procedure and investigation for human care



Line Frequency 100 MA  
Ceiling floor rail type tube stand with safety device  
Single phase, full wave, high voltage rectification.

Suitable for routine radiography bucky radiography and tilting radiography.

With stationary or rotating tube.

Compatible with all tube of x-ray table.



Our Motivation is to satisfy exceed customer's demand & expectation and focusing on how to save time, money and nerves in the process of a setup. Its is not enough that we are highly committed and qualified, due to our many years of experience we know and understand what you need and how we can arrange a successful future together.



## ABOUT US

Grad as its name means grade in radiology & diagnostics is not a saying only but it took 20 years of dedication, hard work, experience & researches to be here as trend setter upcoming market leader in radiology field. This is the only company that driven & govern by our esteemed customers & their valuable feedback. We the Grad is passionate manufacturer specializing in radiology equipments, are manufacturing the excellent quality of products which are designed & developed using most advanced technology & production techniques. Your satisfaction, value for money and regular references is our motto. National & International standard and accreditation for quality and safety is our commitment. Long lasting performance of our products is our oath. Transparent dealing, ethical business practices is our principle. Applying latest technology, regular R&D and innovation to be the market leader & trend setter is our vision.

## TECHNICAL SPECIFICATIONS

DESCRIPTION	GRAD 100	GRAD - 300	GRAD - 500	GRAD - 600	GRAD - 800
Radiography	25-100mA stations 45KVp to 100 KVP in 15 Step	300mA/125 kVp	500mA/125 kVp	600mA/125 kVp	800mA/125 kVp
Fluoroscopy	---	3.0mA/100 kVp	3.0mA/100 kVp	3.0mA/100 kVp	3.0mA/100 kVp
Small Focus	Full wave rectified	50mA to 100mA	500mA, 100mA	500mA, 100mA	500mA, 100mA
Large Focus:	0.06 to 5 Sec.	200mA, 300mA	200mA, 300mA & 500 mA	200mA, 300mA, 500 mA & 600 mA	200mA, 300mA, 600 mA & 800 mA
Spot Filming	Digital Display of mAs, KV & mA	At all mA stations	At all mA stations	At all mA stations	At all mA stations
Fluoroscopy	XD-3/Imported	0-3 mA stepless	0-3 mA stepless	0-3 mA stepless	0-3 mA stepless
Radiography	230 Voltage AC, 15 Amps.	40-125 kVp	40-125 kVp	40-125 kVp	40-125 kVp
Fluoroscopy	10% 0.4 max	40-100 kVp	40-100 kVp	40-100 kVp	40-100 kVp
Radiography	Electronic over-load protection	0.02 to 5 Sec	0.02 to 5 Sec	0.02 to 5 Sec	0.02 to 5 Sec
Tubes	Spring balance/ Counter Balanced/ Mobile/Floor to ceiling Column stand	Unit compatible with dual focus- Rotation anode Tube Imported	Unit compatible with dual focus- Rotation anode Tube Imported	Unit compatible with dual focus- Rotation anode Tube Imported	Unit compatible with dual focus- Rotation anode Tube Imported
Power	8 KW	24 KW	40 KW	50 KW	65 KW
Power Supply	220 V, 50/60 Hz (0.5 Ohms line resistance)	440 V, 50/60 Hz (0.5 Ohms line resistance)	440 V, 50/60 Hz (0.5 Ohms line resistance)	440 V, 50/60 Hz (0.5 Ohms line resistance)	440 V, 50/60 Hz (0.5 Ohms line resistance)
Indication	Digital display of mA, mAs, kVp & Fluoro timer,				
Table Stand	Floor to Ceiling / Ceiling Free	Floor to Ceiling / Ceiling Free	Floor to Ceiling / Ceiling Free	Floor to Ceiling / Ceiling Free / Ceiling Suspension	Floor to Ceiling / Ceiling Free / Ceiling Suspension
Table	Motorized / Motorized with Fluoroscopy SFD/ Manual Multi position / Floating Top / Horizontal				

## GRAD MEDICAL EQUIPMENTS PVT. LTD.

Factory : E-93, Sector - 7, Noida (U.P.)  
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Mobile : +91 8527760020, Toll Free No. : 1800-313-5700

Marketed by :



Grade in Radiology and Diagnostics

## Grad Fx Line Frequency Series (100mA, 300mA, 500mA, 600mA & 800mA)



## GRAD MEDICAL EQUIPMENTS PVT. LTD.



## ITV SYSTEM TO YOUR EXISTING X-RAY SYSTEM

Conventional x-ray machine upgrade project is a kind of not changing traditional x-ray radiology method using a digital x-ray detector instead of the original film cassette replace the old darkroom and film processing, so the existing x-ray machine will update with modernize technology of digital usage systems. This will change conventional x-ray machine into DR system greatly improve the work effective and image quality can reduce the cost of radiography, reduce doctor workload and shorten taking time of the procedure.



Motorized table with fluoroscopy & spot film Device

## PRODUCT RANGE

- Digital Radiographic System.
- High Frequency Machines From 4KW to 80 KW Capacity.
- Line Frequency Machines from 20mA to 800mA.
- Veterinary X-Ray.
- Mammography System.
- C-Arm Image Intensifier.
- Dental OPG Systems.
- Radiation Protection Equipments.

## GRAD FIXED (FX) LINE FREQUENCY SERIES WITH

### FLOATING TOP TABLE 4 WAY

A large tabletop with extended travel enables all radiography studies with minimal patient movement. Fully flat tabletop without a frame on the edge makes cleanliness and odours free.

The floating table top of the height-adjustable Bucky table with high load-bearing capacity is ideal for routine examinations. The Bucky wall equipped with electromagnetic brakes, and can be used for full spine X-rays.



### FLOATING TOP TABLE 6 WAY

The Table top can more longitudinally and transversely with electromagnetic locks and foot switch control



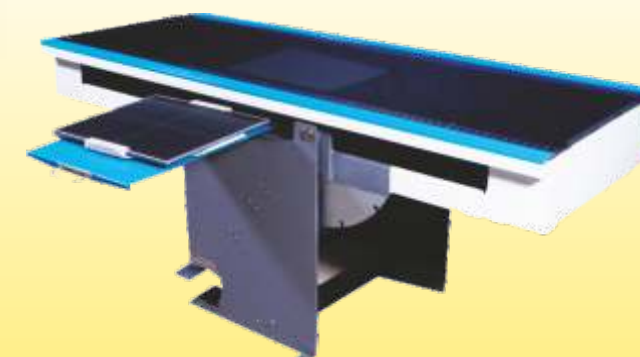
### MANUAL MULTI POSITION STANDARD

Counter Balance 5 Position Manual Hand operated Table Motorized Bucky with Oscillating grid.



### MULTIPOSITION TABLE FOR DR

Manual Multi position table special designed for digital Radiography. Suitable for all types of x-ray without motorized vertical bucky even for Long length imaging & additional flat panel detector for chest x-ray or erect abdomen.



## MOTARIZED TABLE WITH FLUOROSCOPY & SFD

Multiposition motorized table with spot film device and motorized Bucky with oscillation grid. Available with single or double X-ray tube. 1" Triple field high gain, low dose image intensifier system with 17" twin Monitor. High Resolution low noise camera. Multi frame Image storage Memory



## HORIZONTAL BUCKY TABLE (STANDARD )

Horizontal Bucky table in a simplest table for x-ray's. It's bucky travels throughout the length of patient and can take x-ray with a high grade oscillating grid of any body part. Amazing diagnostic result can be achieved.



## ZIG ZAG TABLE

Having all advantages of horizontal bucky table ZIG ZAG x-ray table specially designed for digital Radiography. It is fixed on four caster wheels for easy movability to get the vertical Bucky detector as and when required for x-ray and when required for x-ray and table can be easily in or out from radiology field due to its high & easy movability.



## VERTICAL BUCKY STAND

Grad Vertical Bucky is a medical x-ray filming device that is used with x-ray machines. It can carry out x-ray examination of multiple parts of human body such as head, chest abdomen, joints and limbs. It is easy to use, the necessary medical equipment for the radiology department of each x-ray machine.

Compact share exquisite structure, novel and beautiful appearance.



Economic Table & Simple Configuration

Easy Interface & Super Performance