

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

Ceiling floor rail type tube stand telescopic rotating tube arm electromagnetic lock and double cable safety device. Motorized / Manual multileaf colimator with high beam indicator, Friendly user interface and easy menu display. Best radiography mode ensure high quality image. Automatic heat capacity protection. Multi style console installation as per customer choice. The error self diagnosis function provided it can determine problem quickly and accurately and execute protection automatically and display error code for maintenance.



High 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.

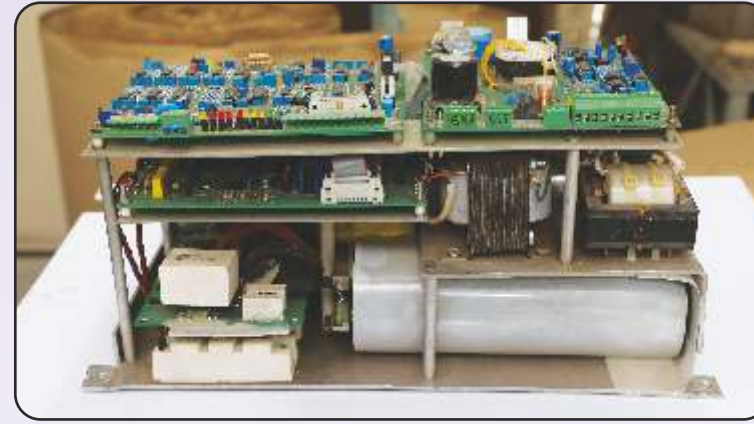


Our Motivation is to satisfy exceed customer's demand & expectation and focusing on how to save time, money and nerves in the process of a setup. Its is not enough that we are highly committed and qualified, due to our many years of experience we know and understand what you need and how we can arrange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



## High Frequency Inverter

High frequency inverter technology even if power supply fluctuation still can output stable X-rays, electricity saving, green environment protection stable, efficient safe adaptable for rural power grid. Short exposure times less, exposure dose, high quality x ray image and contrast is excellent.



## TECHNICAL SPECIFICATIONS

Description	GRD 8.0	GRD 15	GRD 20	GRD 32	GRD 50	GRD 80
X-Ray Generator	High frequency (40 Khz)	High frequency (40 Khz)	High frequency (40 Khz)	High frequency (40 Khz)	High frequency (40 Khz)	High frequency (40 Khz)
Output Power	8 KW	15 KW	20 KW	32 KW	50 KW	80 KW
Rad.kV	40-120kv	40-125kv	40-125kv	40-125kv	40-125kv / 40-150 kv	40-125kv
Rad.mA	Upto 150 mA	Upto 250 mA	Upto 300 mA	Upto 500 mA	Upto 640 mA	Upto 1000 mA
mAs Range	1 to 200 mAs	1 to 200 mAs	1 to 200 mAs	1 to 200 mAs	1 to 200 mAs	1 to 200 mAs
Control Panel	Totally Feather Touch Micro Controller Based	Totally Feather Touch Micro Controller Based	Totally Feather Touch Micro Controller Based	Totally Feather Touch Micro Controller Based	Totally Feather Touch Micro Controller Based	Totally Feather Touch Micro Controller Based
Digital Displays	KV & mAs	KV & mAs	KV & mAs	KV & mAs	KV & mAs	KV & mAs
Interlocks	Provided for Earth Fault, Voltage error, Rotor error, KV Error, Filament Error & Thermal Protection	Provided for Earth Fault, Voltage error, Rotor error, KV Error, Filament Error & Thermal Protection	Provided for Earth Fault, Voltage error, Rotor error, KV Error, Filament Error & Thermal Protection	Provided for Earth Fault, Voltage error, Rotor error, KV Error, Filament Error & Thermal Protection	Provided for Earth Fault, Voltage error, Rotor error, KV Error, Filament Error & Thermal Protection	Provided for Earth Fault, Voltage error, Rotor error, KV Error, Filament Error & Thermal Protection
Dual Action Hand Switch with Retractable Cord	Provided	Provided	Provided	Provided	Provided	Provided
X-Ray Tube Head	Monoblock Version	Monoblock Version / Standard	Monoblock Version / Standard	Monoblock Version / Standard	Monoblock Version / Standard	Monoblock Version / Standard
X-Ray Tube	Stationary / Rotating Anode X-Ray Tube	Stationary / Rotating Anode X-Ray Tube	Rotating Anode X-Ray Tube	Rotating Anode X-Ray Tube	Rotating Anode X-Ray Tube	Rotating Anode X-Ray Tube
Collimator	Manually Operated with light Beam Diaphragm	Manually Operated with light Beam Diaphragm	Manually Operated with light Beam Diaphragm	Manually Operated with light Beam Diaphragm	Manually Operated with light Beam Diaphragm	Manually Operated with light Beam Diaphragm
Tube Stand	Fully counter balanced floor to ceiling or floor mounted ceiling free type	Fully counter balanced floor to ceiling or floor mounted ceiling free type	Fully counter balanced floor to ceiling or floor mounted ceiling free type / cling suspension type	Fully counter balanced floor to ceiling or floor mounted ceiling free type / cling suspension type	Fully counter balanced floor to ceiling or floor mounted ceiling free type / cling suspension type	Fully counter balanced floor to ceiling or floor mounted ceiling free type / cling suspension type
Power Supply	230v, AC, Single Phase +10% 50Hz	230V AC Single Phase +-10% 440V AC Three Phase +-10% 50Hz	230V AC Single Phase +-10% 440V AC Three Phase +-10% 50Hz	230V AC Single Phase +-10% 440V AC Three Phase +-10% 50Hz	230V AC Single Phase +-10% 440V AC Three Phase +-10% 50Hz	230V AC Single Phase +-10% 440V AC Three Phase +-10% 50Hz

Due to constant upgradation, company reserves the right to alter the mechanical & technical specs without prior notice.

## GRAD MEDICAL EQUIPMENTS PVT. LTD.

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

Marketed by :



Grade in Radiology and Diagnostics

## Grad Fx High Frequency Series (8kw,15kw, 20kw,32kw, 50kw & 80kw)



## GRAD MEDICAL EQUIPMENTS PVT. LTD.





## 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.

## GRAD FIXED SERIES HIGH DEFINITION

- High-frequency power meets all kinds of large volume, thick position radiography.
- High-voltage generator outputs more stable kV.
- Large-heat capacity of X-ray tube supports long time and large dose of continuous working
- Fast anode rotation ensures great heat dissipation and long service life.

## 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) HIGH 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



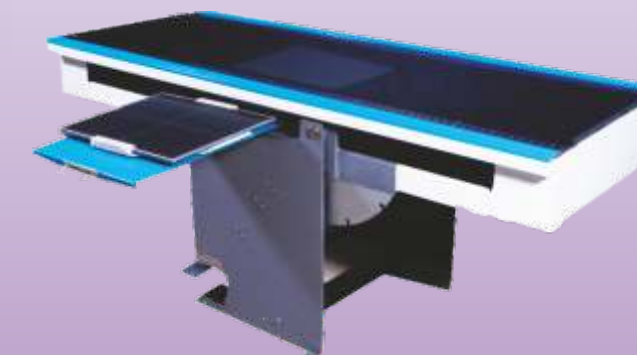
### MANUAL MULTI POSITION STANDARD

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.



### MOTORIZED 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