

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

Model	PanoGrad (OPG)
Column Height	230 cm
Vertical movement	Motor driven
Generator	LF 50 Hz / HF 40 KHz
kVp Range	50-85kVp
Tube current	20mA
X-ray tube	Stationary anode
Exposure time	OPG- 17 sec, CEPH- 0.2-3 sec & TMJ- 4x4 sec
Operating console	Feather touch digital display
Film size	OPG & TMJ- 6"x12" / 10"x12", CEPH- 8"x10"
Cassette size-	OPG & TMJ- Flat 6"x12" / 10"x12", CEPH- Flat 8"x10" (CR compatible)
Power requirement	230V, 1 phase AC with line regulation of +/-5%

TECHNICAL SPECIFICATIONS

Model	Gradient (Dental)
Input Voltage	230 V AC Single Phase
Timer	Microprocessor with Digital Display
Output	10 mA - 85 KVP
Stand	Floor Model / Wall Model / Scissor Arm Model
X-ray tube	Stationary anode / Rotating Anode
Cone	Parallel / Cylindrical
Compatible	Compatible with RVG & all type of dental Sensor Available in Market
Input	230 V AC

GRAD MEDICAL EQUIPMENTS PVT. LTD.

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Marketed by :



Grade in Radiology and Diagnostics

Grad Dental Pearl Series (OPG & Dental X Ray)



GRAD MEDICAL EQUIPMENTS PVT. LTD.



GRADENT (DENTAL X-RAYS)

Wall Mounted for cramped working conditions. Control Box may be mounted on wall or any other remote place.



The Scissor arm (Scissor arm Model) is meticulously designed to give complete flexibility while maintaining the esthetic look and stability of the unit.

The floor mount version of this x-ray is useful in multichair clinics where the x-ray can be conveniently moved around giving more flexibility in positioning.



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.

Panoramic radiography, also called panoramic x-ray, is a two dimensional (2-D) dental x-ray examination that captures the entire mouth in a single image, including the teeth, upper and lower jaws, surrounding structures and tissues.

OPG MERITS :

Broader coverage of the patient's face bones and teeth, including the TMJ Low radiation exposure to the patient. Patient-friendly Can be utilized in patients who have a hard time opening their mouths. Requires less time to create the image. Beneficial for patient education and presentation of cases

OPG APPLICATIONS :

1. Fractures
2. Dislocated jaw
3. Infection
4. Dentition (teeth)
5. Surgical Planing
6. Impacted wisdom teeth
7. Periodontal bone loss
8. Finding the source of Dental pain
9. For assessment of dental implant placement
10. Orthodontic assessment

