



SNS COLLEGE OF ALLIED HEALTH SCIENCES- COIMBATORE 35



DEPARTMENT : RADIOGRAPHY AND IMAGNG TECHNOLOGY

**SUBJECT : GENERAL PHYSICS, RADIATION PHYSICS AND PHYSICS OF
DIAGNOSTIC RADIOLOGY**

PAPER : PAPER II

TOPIC : 7.1 RADIOGRAPHIC ILLUMINATORS



AUTOMATIC FILM PROCESSOR



- X-ray illuminators provide the necessary brightness for doctors to view X-rays correctly.
- X- ray illuminators are extremely useful and efficient devices in the process of correct diagnosis, equipped with Led technology (Led X-ray illuminators).
- Led X-ray illuminators to feature high-intensity lamps and reflector systems to create a uniform, the bright light source to facilitate radiographic diagnosis.
- Digital X-ray illuminators enable healthcare professionals to see x-rays accurately and clearly, helping to correctly diagnose and treat patients.
- With the use of X-ray illuminators, doctors can make an accurate and immediate diagnosis, ensuring the validity of the opinion and the security that their patients are receiving the best possible care.
- Also, X-ray illuminators provide medical practice with improved visualization, high resolution, safety, lower cost, and quick and easy of diagnosis.





AUTOMATIC FILM PROCESSOR



- Depending on the placement you want to make in your place, in the clinic, or in the office, you can introduce wall-mounted X-ray illuminators, and table X-ray illuminators, with single/double/triple surfaces and with a large screen resolution.
- Upgrade your practice with state-of-the-art x-ray illuminators, ideal for the correct diagnosis of X- rays.
- a wide variety of wall-mounted and table-top slide X-ray illuminators, which come with a choice of single, double, and triple surfaces, making it easy to find exactly what you need.
- Featuring features such as automatic on/off and adjustable brightness, the transparencies fit perfectly into any medical setting providing you with safety and accuracy in diagnosis.





INTERROGATIONS



1. What is illuminators ?
2. Uses of illuminators
3. What dose an X-ray illuminators will do ?



REFERENCES



1. Radiographic latent image processing – W. E. J McKinney
2. Diagnostic Radiography – A concise practical Manual – Glenda J. Bryan (4th edn),
Churchill Livingstone



THANK YOU