

■ Features and usage

The product is a general green sensitive medical x-ray film, which has green sensitive emulsion layers on both sides of bluish polyester bases.

The product features high sensitive speed, good definition, wide exposure latitude and good using compatibility. When the product is used with general green emitting intensifying screen, the actual radiation dose can only be 1/2-1/4 of that of with blue emitting intensifying screen, and it can reduce the harmful radiation from the x-ray, and prolong the x-ray machine's life. Excellent images can be obtained, and the diagnose accuracy is improved.

■ Processing

Automated processing

Lucky processing chemical G-30, G-31 or other equivalent chemical is recommended.

Developing temperature is from 30°C-35°C for 90s-180s.(Total)

Manual processing:

Lucky developer D-19B, lucky fixer F-5 or other general chemical is recommended.

Developing temperature is from 20°C-24°C for 6s-3s.

■ Safelight

Use a Lucky LZ-2 or Kodak No.2 (the transmitting range over 630nm) dark red safelight with a 15-watt bulb located at least 2.5m from the film, and the total lighting time is in 10 minutes.

■ Size and package

Size		Package		
Mm	Inch	Sheets/bag	Bags/box	Boxes/case
127×178	5×7	100	1	10
203×254	8×10	100	1	5
254×305	10×12	100	1	5
279×356	11×14	100	1	5
305×381	12×15	100	1	5
356×356	14×14	100	1	5
356×432	14×17	100	1	5

■ Characteristic Curve

Process: G-30

Densitometry: diffuse Visual density

■ Storage

Please store the films in cool and dry place where temperature is 10°C-23°C, humidity is30%RH- 65%RH and store them vertically 0.3m above the floor to avoid any harmful effect caused by high temperature, direct sunlight, wet, harmful gases, and radiations.

In above environments, the product can be stored for 2 years.

■ Conditions of usage

The best conditions of usage as following:

Temperature:18-24°C, humidity:40%RH-65%RH.

Please handle carefully to avoid defects and static-electricity discharge caused by pressure, creasing, buckling and friction.

Illumination conditions of the film varies from many factors such as different machine, emitting intensifying screen, patient situation, pressing condition, etc. The recommended conditions as following: the film plus general regular, the distant from green emitting intensifying screen to man's breast 20cm thick is 1.8 meter (76-80KV, 10-4MAS).



Medical X-ray film

KX123(blue sensitive) high-speed

■ Features and usage

This film is used for the examination of human body disease and abnormal changes of viscera, bones and soft tissues, providing reliable information for clinical diagnosis.

The film has sensitive emulsion layers on both sides of bluish polyester base, and must be used with the blue emitting intensifying screen.

It features high sensitive speed, moderate contrast, abundant gradation, good definition and low fog.

■ Processing

This film is designed for 90-seconds automated processing or manual processing. The former is recommended with the Lucky processing chemical G-30 or G-31, developing at 33.8°C in 23s. The other processors with processing time of 120s, 150s, are recommended with other equivalent chemical as lucky G-30 or G-31.

In manual processing, Kodak developer D-19B with lucky fixer F-5 or lucky powdery chemical G-39 are recommended. In this case, the film should be developed in temperature 20°C for 5 minutes, fixed in 5 minutes, washed for 3-5 minutes and dried.

■ Safelight

Use a Lucky LZ-2 or Kodak No.2 (the transmitting range over 630nm) dark red safelight with a 15-watt bulb located at least 2.5m from the film, and the total lighting time is in 10 minutes.

■ Size and package

Size		Package		
Mm	Inch	Sheets/bag	Bags/box	Boxes/case
127×178	5×7	100	1	10
203×254	8×10	100	1	5
254×305	10×12	100	1	5
279×356	11×14	100	1	5
305×381	12×15	100	1	5
356×356	14×14	100	1	5
356×432	14×17	100	1	5

■ Characteristic Curve

Exposure: 5500k, 1/20s

Process: G-30/X-5

Densitometry: diffuse visual density

■ Storage

Keep unexposed films in a cool, dry place that is properly shielded from penetrating radiation, sunlight and harmful gas.

The detail as following:

- 1.The suitable temperature is 10-20°C,the humidity is 30%RH-60%DRH, and the film should be keeping away from heat source.
- 2.Stored in rooms without hydro sulfuric gas, ammonia, sulfur dioxide and formaldehyde gas.
- 3.Please keep away from radiations.
- 4.Stored vertically to avoid any harmful effect caused by pressure.

■ Handling

The best conditions of usage should be :temperature:18-24°C, humidity:50%RH-65%RH.

Hands must be clean, dry, and free of lotions, etc. Film should be handled carefully by the edges to avoid physical strains.



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