

## KONICA SD-Q2 Medical Imaging Film



### Product description:

**Thermally processed dry film that delivers optimum image quality for all image modalities.**

SD-Q2 are dry films designed especially for the Laser Imager DRYPRO873 / 832

- Sharp, clear images are assured by optimized control of image tones for CT, MRI, CR, DR and other image modalities.
- Designed for liner gradations from low- through high-density areas, SD-Q2 delivers excellent diagnostic clarity in the processed image.
- Daylight packaging makes the film easy to handle. (Film is available in the following sized, 14×17" / 35×43 cm, 14×14" / 35×35 cm, 11×14" / 28×36 cm, 10×12" / 25×30 cm, 8×10" / 20×25 cm, 125 sheets per box.

### Dry film image formation

- 1) A latent image is recorded in the silver halide of the film by laser exposure.
- 2) During thermal development, silver ions are supplied to the latent image from organic silver oxide emulsions, causing the developed silver image to appear

### **Storage and handling conditions for SD-Q2 dry film**

Medical Imaging Film SD-Q2 is a dry film requiring no wet processing. As explained below, it should be stored and handled with care.

### 1.Storage and handling of unexposed film

- As with other types of film, unexposed dry film should be stored in a cool, dry and dark place (Recommended temperature:10~25°C) in the original packaging and protected from all types of radiation.
- To prevent condensation, bring the product to room temperature before use.

### 2.Storage and handling of processed film

- Thermally processed film may be affected by high temperatures and strong light, even after processing. To protect images on the film, the film should be stored in a cool, dry and dark place. For long-term storage, film can be inserted into the original packaging or other protective envelopes and stored at 25°C or below. Storage at high temperatures may result in increased density and discoloration.
- Density variations and discoloration may result if the film is stored at temperatures of 40°C or above. The film should not be left in a closed car in hot daylight conditions, and should not be viewed with overhead slide projectors and other heatemitting devices.
- Since film may be affected by direct light as well as high temperatures, the film should not be exposed to direct sunlight or left mounted on the viewing box for extended periods of time.
- Dry film should not be cleaned with alcohol, cleaning agents and water that may cause density blotching and other defects. And the film should not be handled with wet hands.
- Please note that the films may stick to each other if stored in a highly humid environment.

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