

# DRYSTAR

## DT2 MAMMO



*DRYSTAR DT2 MAMMO IS  
A HIGH-DENSITY, HIGH-CONTRAST  
DRY PROCESSING FILM OFFERING  
OPTIMUM IMAGE QUALITY FOR  
DIGITAL MAMMOGRAPHY.*

- Flawless image quality for digital mammography
- Designed for use with DRYSTAR 5500, DRYSTAR 5503 and DRYSTAR AXYS

### Optimum image quality

The DRYSTAR DT2 Mammo film is specially developed to meet the high optical density requirements demanded by digital mammography. With its high maximum density ( $D_{max} > 4$ ), even the most subtle grey-level changes required for mammography applications can be visualized. Designed for use in combination with the imagers DRYSTAR 5500, DRYSTAR 5503 and DRYSTAR AXYS; the DRYSTAR DT2 Mammo film produces the very highest diagnostic quality hardcopies.



DRYSTAR 5503

### Smooth workflow, improved productivity

The DRYSTAR 5500, DRYSTAR 5503 and DRYSTAR AXYS feature two film trays or more, bringing all media sizes (from 8 x 10" to 14 x 17") permanently on-line. This means that films of different sizes do not need to be continuously re-loaded, which makes for a smoother workflow. Additionally, the DRYSTAR 5500/5503's high throughput of 140 films/hour for 8x10" for DT2 Mammo ensures improved productivity, ideal for high-volume customers.

### Ideal composition

The films are composed of a 168 $\mu$ m-thick PET base and coated with silver salts and a protective layer. The PET base with rounded corners ensures that the film can be handled in the same way as regular X-ray films. The protective top-layer renders the film resistant to scratches. The silver based imaging layer, which is not sensitive to light but only to very high temperatures, guarantees low fog and high contrast.

### Convenient and cost-effective

Direct Digital Imaging Technology offers very easy to use convenient operation. Loading the DRYSTAR DT2 Mammo film into the imager is as simple as inserting a CD into your PC. No wet processing, no darkroom, no cleaning procedures and no time consuming adjustments are required and there are no chemical disposal costs. Significantly more cost-effective than a wet system, your imaging chain is completely dry and trouble-free.

### Environmentally friendly solution

The DRYSTAR family of imagers have received the European Environmental "Product Award for Sustainable Development" in appreciation of their improved environmental performance. The DRYSTAR DT2 Mammo film packaging can be fully recycled.



*DRYSTAR 5500*



*DRYSTAR AXYS*

# technical

## SPECIFICATIONS

### STANDARD FEATURES

- Direct Digital Imaging Technology
- Blue base
- Maximum optical density > 4
- Daylight film loading  
(films are insensitive to light)

### SIZES

- DRYSTAR 5500: 20 x 25 cm (8 x 10 inch),  
25 x 30 cm (10 x 12 inch),  
28 x 35 cm (11 x 14 inch)
- DRYSTAR AXYS: 20 x 25 cm (8 x 10 inch),  
25 x 30 cm (10 x 12 inch),  
28 x 35 cm (11 x 14 inch)
- DRYSTAR 5503: 20 x 25 cm (8 x 10 inch),  
25 x 30 cm (10 x 12 inch),  
28 x 35 cm (11 x 14 inch)

### STORAGE

- 100 sheets per box
- Shelf life: 18 months after manufacturing date
- Storage before use:
  - Temperature between 4 to 25 °C
  - Humidity control: The recommended humidity control for DRYSTAR films is between 30 and 60%
- Storage after printing:
  - Archiving facility complies with ANSI IT 9.11 and IT 9.19, extended term
  - Storage minimum 20 years
  - Recommendations & Carriage to avoid image loss or increased density or discoloration:
    - avoid storage for a long period of time at >35 °C
    - avoid dry media on view boxes for a long period of time
    - avoid exposure to excessive high temperatures and intense light. Store the images in the original packaging or other appropriate protective film envelopes at max. 25 °C.

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