

HARDCOPY SYSTEMS

DRYSTAR 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 4500M

Optimum image quality

The DRYSTAR Mammo film is specially developed to meet the high optical density requirements demanded by digital mammography. With its high maximum density, even the most subtle grey-level changes required for mammography applications can be visualized. Designed for use in combination with the dedicated mammography imager DRYSTAR 4500M, the DRYSTAR Mammo film produces the very highest diagnostic quality hardcopies, enhancing the perception of details.

Smooth workflow, improved productivity

The DRYSTAR 4500M features two film trays, bringing both media sizes (8 x 10" and 10 x 12") permanently on-line. This means that films of different formats do not need to be continuously re-loaded, which makes for a smoother workflow. Additionally, the DRYSTAR 4500M's high throughput of 80 films/hour (for 8 x 10") and 60 films/hour (for 10 x 12"), ensures improved productivity ideal for high-volume customers.

Ideal composition

The films are composed of a 175-micron 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 and moisture. 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

Dry imaging technology offers very easy to use convenient operation. Loading the DRYSTAR Mammo film into the dedicated mammography 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 and the DRYSTAR Mammo film packaging can be fully recycled.



DRYSTAR 4500M

technical

SPECIFICATIONS

STANDARD FEATURES

- Direct thermal printing
- Blue base
- Maximum optical density > 4
- Daylight film loading (films are insensitive to light)

SIZES

- DRYSTAR 4500M: 20 x 25 cm (8 x 10 inch),
25 x 30 cm (10 x 12 inch)

STORAGE

- 100 sheets per box
- Shelf life: 24 months after manufacturing date
- Storage before use:
 - Temperature between 4 to 25° C
 - 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.

Why Agfa HealthCare?

Agfa HealthCare is a global leader in the fast growing market of integrated IT and imaging systems, offering healthcare facilities a seamless flow of information and a 360° view of patient care. The company has a unique, holistic approach, enabling it to provide in-depth clinical know-how and fully integrated hospital-wide solutions. These specialized solutions integrate IT and imaging systems for Radiology, Cardiology, Mammography and Orthopaedics. Agfa HealthCare's enterprise-wide IT platform integrates all administrative and clinical data within a healthcare facility and is designed to match the unique needs of specific healthcare professionals.

www.agfahealthcare.com

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