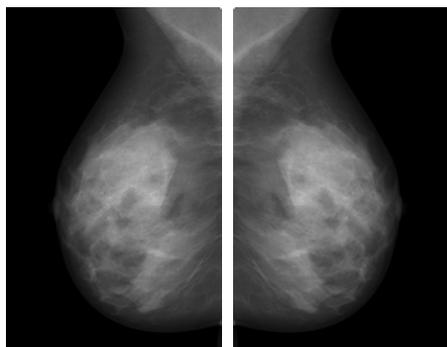


# MAMORAY HT Film

Superb image quality with high resolution



## FILM/SCREEN COMBINATIONS SPECIFIC TO MAMMOGRAPHY



- One-emulsion orthochromatic mammographic film
- Provides excellent image quality
- Cubic Crystal Plus technology
- MAMORAY HT film can also be developed with ultra-rapid processing cycles

### MAMORAY HT Film

MAMORAY HT film is a one-emulsion orthochromatic mammographic film, designed for both normal and ultra-rapid processing cycles. Agfa HealthCare has designed MAMORAY HT film using the most recent Cubic Crystal Plus technology, which offers a uniform quality.

The blue tint of MAMORAY HT film generates more brilliant images with less noise and high resolution. The HT mammogram can also be developed with ultra-rapid (e.g. 60-second) processing cycles.

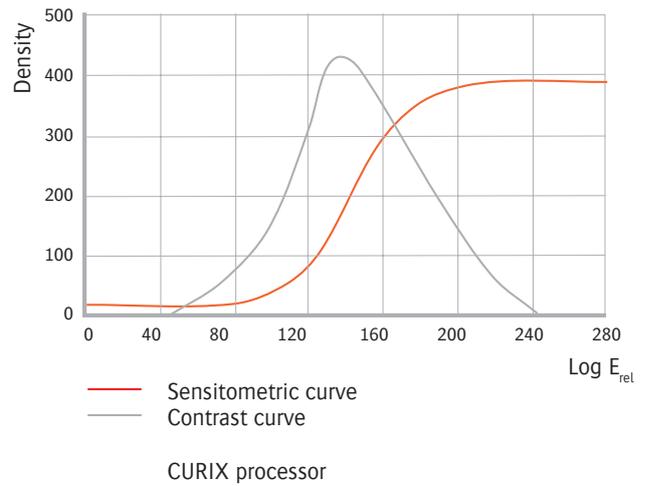
### Systems

The MAMORAY HT film/screen combinations complete the Agfa integrated image creation systems for mammography. The MAMORAY HT film/screen combinations are made up of MAMORAY HT film combined with MAMORAY Detail R screens.

### Advantages of the MAMORAY HT system

- High resolution, less noise and a reduced dose for the patient
- Many processing cycle options
- Uniform image quality in all mammographic studies
- Bright blue tint to the image to reduce eye fatigue

### Sensitometric and contrast curves



# MAMORAY CASSETTE

More diagnostic information, low absorption and ease of handling

The lightweight and durable Mamoray cassette, and ease-of-use enjoyed by millions

It is not easy to combine the characteristics of reliability, durability, ease of use and minimum weight in the same cassette.

But Agfa has achieved it, thanks to their innovative technology and to Novodur, an extremely strong and lightweight plastic (25% lighter than a metal cassette).

Mamoray cassettes are easy to handle for personnel and are comfortable for the patient. They have a long working life, resist knocks and, most importantly, give an excellent diagnostic result.

## Built to last

The careful design and the rubber protectors to absorb shock mean that Agfa cassettes last for many years.

## More diagnostic information

The design of the Mamoray cassette ensures that the edge of the film and the screen are in close contact with the thoracic wall. On closing the cassette, the film moves towards the thoracic wall.

In this way, the distance between the edges of the film and of the support screen is limited to less than 2 mm.

Perfect contact between the film and the screen and a light-proof closure

The special design of the cassette rubber foam gives greater pressure during the first seconds after closing the cassette, so perfect contact between the film and the screen is obtained. Agfa cassettes are the only cassettes with pneumatic rubber foam. This ensures an extraction of air that is fast enough that the cassette can be used almost immediately after closure.

It ensures perfect closure, excluding light, with only a light pressure on the mark shown on the cover. It is impossible for the cassette to open by accident.

## Ease of handling

The tube side and the back side of the cassette are easily distinguished, thus correct use is ensured at all times. The orange mark on the inside of the cassette helps film to be correctly loaded manually. The orange mark must coincide with the notch on the film.

The film-loading indicator allows the user to see at first sight or by simple touch if the cassette is loaded or not.

## Available Mamoray cassette

Type of cassette	Areas of the identification window exposed	Formats available
<b>Standard</b>		<b>ST, without window</b>
Europe	EU 62.4 × 16 mm	18 × 24 cm
USA	US 62.4 × 26 mm	24 × 30 cm
		18 × 24 cm
		24 × 30 cm
		18 × 24 cm
		24 × 30 cm

## TECHNICAL CHARACTERISTICS

### Characteristics of the MAMORAY HT system screen

- The MAMORAY HT screen is sensitive to the color green, designed for use with mammographic screening with emission of green light on one face only.
- MAMORAY HT film offers excellent image quality and reduced exposure to the patient when it is used with the MAMORAY Detail R cassette/screen combination.

### Recommendations for the MAMORAY screen

- MAMORAY screens must be cleaned with Agfa HealthCare CURIX screen cleaner. Please consult an Agfa representative for advice on correct cleaning.
- Protect the MAMORAY cassette/screen combination from humidity levels higher than 60%. Protect the screens from sunlight and ultraviolet light, which can cause discoloration or deformation.

### Classifications of film/screen sensitivity

- Film: MAMORAY HT
- Screen: Detail R
- Processing: HT or RP
- Relative sensitivity 130
- The specifications and characteristics may be changed without notice.

### Processing recommendation

- Develop the film with a standard (EP) processing cycle

### Reagents

- The use of Agfa HealthCare reagents is recommended
- Recommended processing temperature: 33 - 35° C

### Recommendations on safe light in the darkroom

- Use a non-actinic filter appropriate for orthochromatic films, such as GBX-2.
- Use a 7.5 W bulb located 1.20 m from the work surface.

### Recommendations for film storage

- The relative humidity must be 30 - 50%
- Temperature: 4 - 25° C
- Protect the film from sources of heat and any penetrating radiation
- Respect the expiry dates

Agfa and the Agfa rhombus are trademarks of Agfa-Gevaert N.V., Belgium, or its affiliates. All other trademarks are held by their respective owners and are used in an editorial fashion with no intention of infringement. The data in this publication are for illustration purposes only and do not necessarily represent standards or specifications, which must be met by Agfa HealthCare. All information contained herein is intended for guidance purposes only, and characteristics of the products and services described in this publication can be changed at any time without notice. Products and services may not be available for your local area. Please contact your local sales representative at [agfa.com](http://agfa.com) for availability information. Agfa HealthCare diligently strives to provide as accurate information as possible, but shall not be responsible for any typographical error.

© 2015 Agfa HealthCare NV  
 All rights reserved  
 Printed in Belgium  
 Published by Agfa HealthCare NV  
 B-2640 Mortselsel - Belgium  
 55XMP GB 00201506