

MAMORAY HDR-C Plus is Agfa's Newest High Quality Mammography Film for Use in the HD Mammography System

> HDR-C Plus Film: the Newest Addition to the Agfa HD Mammography System

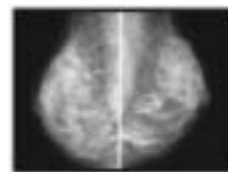
High Contrast

The HDR-C Plus film combines several emulsion technologies resulting in excellent diagnostic capabilities across all breast densities. Through the use of three emulsion layers, optimal curve shape can be achieved in the toe, mid and upper regions of the H&D Curve.

Two Emulsion Technologies Working Together

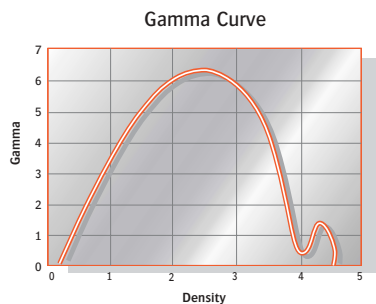
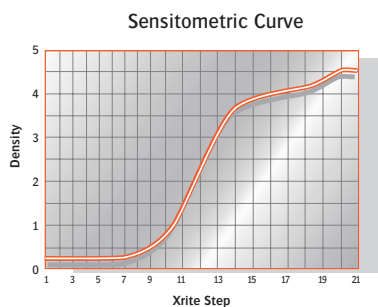
HDR-C Plus film incorporates Split Emulsion Layer (S.E.L.) and Cubic Plus Crystal technologies. The result is a film with a high dynamic range providing the contrast and latitude necessary to visualize clinically significant information throughout all areas of the image.

Enhanced contrast and image detail



Split Emulsion Layer technology for optimal curve shape

Cubic Crystal technology for stable processing



Results with MAMORAY HDR-C PLUS

These results were obtained using RP processing on a MAMORAY Compact E.O.S. with Agfa Mammography Chemistry at 34°C/95°F.

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Consistent Processing Results

Due to Cubic Plus crystal characteristics, the HDR-C Plus sensitometric results are minimally affected by normal fluctuations in processing conditions. Low inherent film grain reduces visible noise on the final image. The anti-halation layer and protective topcoat minimize film handling and processing artifacts.

HDR-C Plus Technical Data

HDR-C Plus is a single-sided, high contrast, green light sensitive, orthochromatic film for mammography. This film is designed for use with single sided, green-light emitting intensifying screens.

HDR-C Plus can be combined with the Agfa Mammography Screen that provides the image quality and system speed that best meets the user's needs.

Agfa's HD System Speeds

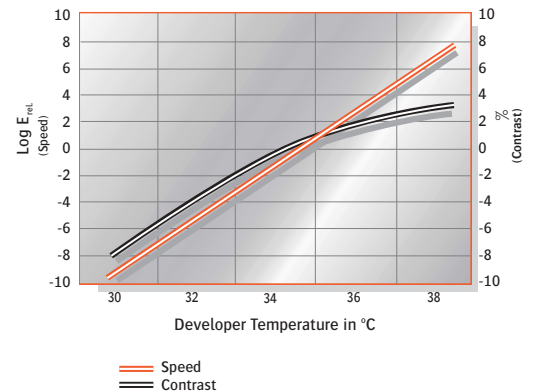
Film	Screen	Speed Class
Agfa HDR-C Plus	HD	100
	HD-S	150

Agfa HDR-C Plus Film

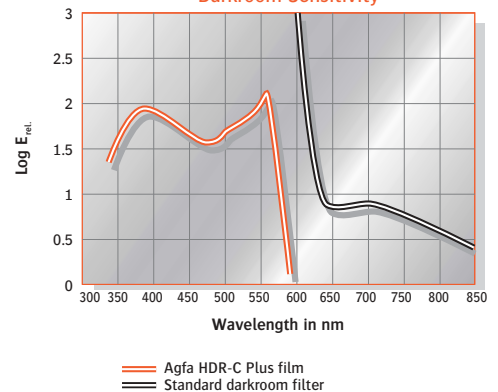
Darkroom Safelight Recommendations	Use a safelight filter appropriate for Orthochromatic Film, such as a GBX-2. Use a 7.5w frosted bulb placed at least 4 feet from the work surface.
Processing Cycle	RP (Standard) processing cycles.
Chemistry	Agfa Mammography Chemistry is strongly recommended. Equivalent mammography chemistries may be used. Developer temperature should be maintained between 33°C - 35°C.
Storage and Operating Conditions	Relative humidity must be between 30 - 50%. Temperature: 4° - 25° C / 39° - 77° F Shield film from sources of heat and all penetrating radiation. Observe expiration dates.

For optimum image quality, we recommend a total Agfa system in Mammography.

Speed & Contrast Curve



Darkroom Sensitivity



NOTICE: The sensitometric curves and data in this publication represent product tested under the conditions of exposure and processing specified. They do not represent standards or specifications that must be met by Agfa Corporation. Varying storage, exposure, and processing conditions will affect results. Agfa Corporation reserves the right to change and improve product characteristics at any time. The contents of this publication are subject to change without notice.

For the latest information on product specifications and features, visit our website at: www.agfa.com/healthcare



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It certifies that the Quality Management System for our X-ray films conforms to the requirements of Annex V of the EEC Directive 93/42 and Medical Devices Regulation 1994:3017.

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