MAMORAY HDR-C FILM

HDR-C film provides optimum contrast throughout all density ranges

HDR-C Film has excellent diagnostic capabilities in dense breast tissue. This unique film delivers high contrast in the shoulder of the H&D curve and latitude for dense structures within the toe portion of the H&D curve.

Split Emulsion Layering Technology Provides Superior Detail

HDR-C uses Split Emulsion Layering, the latest in emulsion technology. These layers provide the viewer with the latitude necessary to visualize clinically significant information in dense breast tissue and the high contrast necessary for perception of microcalcifications. The cool, blue image tone reduces eye fatigue and maximizes the ability to visualize small details and fine structures within the breast.

Consistent Processing Results

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

HDR-C Technical Data

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

HDR-C film is an integral part of the Agfa HD Mammography System.
Technical Specifications

GENERAL
Safelight requirements
- 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
- 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
- Temperature: 4 - 25°C (39 - 77°F)
- Humidity: 30 - 50% Rh
- Shield film from sources of heat and all penetrating radiation
- Observe expiration dates

Agfa’s HD System Speeds
- HD screen: 100 Speed Class
- HD-S screen: 150 Speed Class

CURVES
Speed Dynamic Curve

Contrast Dynamic Curve

Sensitometric and contrast curve

Darkroom Sensitivity

For more information on Agfa, please visit our website on www.agfa.com