



FOMA LP-D, FOMA LP-DS, FOMAFIX + FOMAFIX H

BATHS FOR MACHINE PROCESSING OF MEDICAL RADIOGRAPHIC FILMS

Characteristics

Baths for machine processing of medical radiographic films are liquid concentrates intended for processing of medical radiographic films FOMA and comparable products of other manufacturers in processors with processing cycle 90 to 210 s. Working solutions are prepared by dilution of the concentrates with water, preferably distilled or prepared by reverse osmosis.

FOMA LP-D is set of liquid concentrates of phenidone – hydroquinone developer replenisher for machine processing of medical radiographic films FOMA. One packaging can be used for preparation of 20 liters of working solution. FOMA LP-D provides high quality of image, is characterized by very fine grains and well balanced contrast, makes fully use of film sensitivity. Composition of the developer provides its long-time stability and prevents incrustation in case of hard water using.

FOMA LP-DS is a concentrate of starter of FOMA LP-D developer.

FOMAFIX + FOMAFIX H is set of liquid concentrates of hardening fixer for machine processing of medical radiographic films. The fixer FOMAFIX is characterized by high fixing rate and efficiency, strong hardening and buffering ability and long-time stability. The hardener FOMAFIX H improves hardening ability of the fixer, mechanical resistance of film and reduces processing time. One packaging equals to 21 l of working solution.

Adjusting

Replenisher FOMA LP-D

Set of concentrates for final volume of 20 l:

Part A – 1 canister with volume of 5 l

Part B – 1 bottle with volume of 0,5 l

Part C – 1 bottle with volume of 0,5 l

Starter FOMA LP-DS

1 bottle with volume of 0,5 l

Hardening fixer FOMAFIX and FOMAFIX H

– set for final volume of 21 l

FOMAFIX – 1 canister with volume of 5 l

FOMAFIX H – 1 bottle with volume of 1 l

The concentrates are delivered in plastic containers.

Baths preparation

Preparation of FOMA LP-D replenisher working solution:

While mixing add consequently Part A, Part B and Part C into 14 l of water and prepare this way 20 l of working solution.

Preparation of FOMA LP-D developer working solution for basic application:

To 1 l of replenisher FOMA LP-D working solution add 25 ml of FOMA LP-DS starter.

Preparation of hardening fixer working solution:

While mixing add 5 l of FOMAFIX and consequently 1 l of FOMAFIX H into 15 l of water. The final volume of hardening fixer working solution is 21 l.

Processing

The developer is prepared from the replenisher FOMA LP-D and starter FOMA LP-DS according to instruction for use. Working solution of replenisher FOMA LP-D without starter FOMA LP-DS is used for developer replenishment.

Recommended standard conditions for developing:

Temperature	Proc. cycle
30 °C	210 s
36 °C	90 s

Recommended replenishment is 400 to 550 ml/m².

The fixer is prepared from the rapid fixer concentrate FOMAFIX and the hardener FOMAFIX H according to instruction for use. Basic and replenish baths are the same.

Recommended standard conditions for fixing:

Temperature	Time
30 °C	45 s
35 °C	25 s

Recommended replenishment is 450 to 600 ml/m².

Above stated replenish rates are approximate values only, the exact ones must be determined by field test for relevant processor, film type, daily capacity and processing time.

If needed, ask for professional help of service engineers FOMA.

Storage

The baths store in original packaging on a dry place at the temperature between + 5 to + 25 °C and relative humidity below 65 %. Maxime storage time is 24 months since the manufacturing date.

Information of the ecological disposal, principles of safe use at transport, storage and handling are stated in the safety data sheet of the product.

The product has CE marking and has been produced and marketed in conformity with a quality system according to the international standard EN ISO 9001:2000, EN ISO 13485:2003.