

Industrial X-Ray Chemicals: Devalex & Fixaplus



Devalex X-Ray Developer Replenisher is for machine processing of industrial x-ray films.

- 3 part universal developer and replenisher
- Suitable for the processing of all currently available industrial Radiographic and Imaging films
- Rolls Royce approved
- Pratt & Whitney approved
- Long life, high stability formulation
- Compatible with similar chemical systems
- Contrast control by temperature adjustment
- Produces brilliant radiographs of high diagnostic quality
- Very clean working



Fixaplus X-Ray Fixer is for machine processing of x-ray films.

- Suitable for processing all medical and industrial radiographic and imaging films
- Low level of sulphur dioxide emission from working solutions
- Optimized replenishment rates
- Compatible with similar chemical systems
- Very clean working

PROCESSING SPECIFICATIONS:

Time & Temperature
The developer bath and fixer bath should be at the same temperature.

Temperature Range (°C)	Machine Time Cycle (seconds)
23-26	210
20-22	300
18-20	420

Replenishment Rates:
Recommendations are based on average requirements.

	Devalex	Fixaplus
INDUSTRIAL mls/m ²	640-800	1060-1460

Replenishment Rates:

Devalex - If the processor is subject to long periods of stand-by, a degree of aerial oxidation may take place which is not compensated for by normal replenishment, it is, therefore, necessary to employ a higher replenishment rate than that used with a busier machine. The table below is given as a guide:

Number of films (equivalent to 35x35cm) per working day	Developer Replenishment mls per 35 cm x 35 cm film
Less than 25	70-75
25-50	65-70
50-75	60-65
75-100	55-60
100-125	50-55
125-150	45-50
more than 150	35-40

STORAGE OF CHEMICALS:

- Concentrates - All of the processing system concentrates have a normal storage life of at least 12 months, when held in unopened containers under steady temperature conditions in the range of 13°-18°C. However, storage temperature below 5°C should be avoided as some crystallization may occur.
- Working Solutions and Replenishers - Machine tank solutions should not be allowed to stand unused for more than one week, or the activity will be reduced by aerial oxidation. No more than one week's supply of any of the replenisher solutions should be made up at a time. Replenisher solutions should be kept covered with lids to reduce evaporation, oxidation and contamination.

SAFE USE OF PROCESSING CHEMICALS:

- All chemicals should be kept out of reach of children. Refer to labels on the box and to the Material Safety Data Sheet for precautionary information. Protective clothing, including gloves and face/eye protection should always be worn when handling chemicals. Contact our Service Plus Department or your local representative to determine which combination of chemicals is best suited for you.
- NOTE: Extreme care should be taken to avoid cross-contamination of the developer solutions with fixer, since even small volumes of fixer in the developer will cause large processing variations. Before a tank is refilled, it should be completely drained, thoroughly cleaned and flushed out with water.

Manufactured **under an ISO 9001/2000 approved system** by:

**CHAMPION PHOTOCHEMISTRY
INTERNATIONAL LIMITED**

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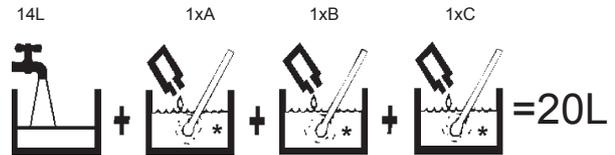


Preparation:

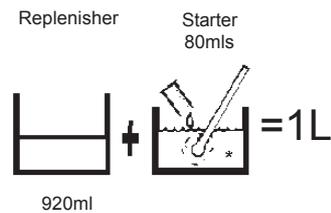
*Mix well

Devalex

Replenisher:

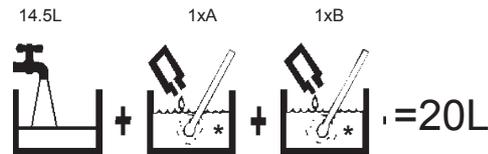


Tank Solution:



Fixaplus

Replenisher and Tank Solution:



SUPPLIES

Devalex X-Ray Developer Replenisher	2x20L	120102
Devalex X-Ray Developer Starter	1L	120401
Fixaplus Air X-Ray Fixer	2x5L	120204
Fixaplus Air X-Ray Fixer	2x20L	120202
Proclean Tank Cleaner	2x2x20L	171309

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