

## Medical X-Ray Chemicals: Devalex Air

**Devalex Air X-Ray Developer Replenisher**, used with its companion product Fixaplus X-Ray Fixer, is designed for machine processing of medical x-ray films.

- Non corrosive 2-part Developer:
  - no hazardous transportation cost premium as is usually the case with 3-part developers
  - safer mixing for operators
  - no acetic acid smell
- Fresh Air Included
- Better Storage Stability
  - more stable than any 3-part developer
- Quality Performance:
  - compatible with all brands of x-ray film, it meets or exceeds film manufacturers recommendations for speed, contrast and base+fog.

**Fixaplus XF2 X-Ray film fixer system** for automatic processing machines.

- Suitable for processing all medical and industrial radiographic and imaging films
- Emits extremely low level sulphur dioxide and acetic acid emissions from working solution - with levels well below many competitive brands currently available
- Optimized replenishment rates
- Compatible with similar chemical systems
- Very clean working

### PROCESS SPECIFICATIONS - Devalex Air

Machine Time Cycle (sec)	Temperature (°C)	Replenishment Rates*
45	35.5 ± 2.5	360 ± 90
90	32.5 ± 2.5	
120	30 ± 2.5	
210	24.5 ± 2.5	
300	21 ± 1	
420	19 ± 1	

\*recommended starting point

### Fixer Temperature

The temperature of the fixer bath should be set the same as for the developer bath.

	Replenishment Rates	
General Departments:	530-730mls/m <sup>2</sup>	(65-90ml/35cm x 35cm film)
Specialist Departments:	450-820mls/m <sup>2</sup>	(55-100ml/35cm x 35cm film)

The above recommendations are based on the requirements of a general hospital department and when specialized techniques are employed the fixer injection rates should be modified by plus or minus 10-15%.

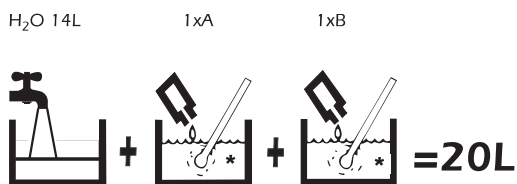
### CHEMISTRY SPECIFICATIONS:

	Devalex Air	Fixaplus XF2
Working solution density (21.1°C):	1.075	1.089

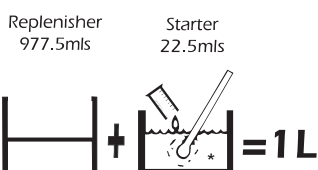
# Preparation: Devalex Air & Fixaplus

Medical X-Ray Chemicals  
for Devalex Air

## Devalex Air X-Ray Developer Replenisher

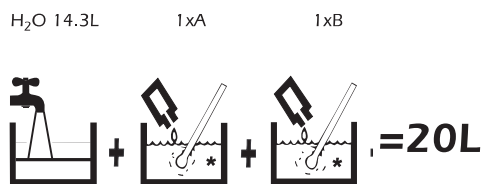


### Working Solutions: Developer



## Fixaplus XF2 X-Ray Fixer

\*Mix well



Tank and replenisher use the same mix

### STORAGE OF CHEMICALS:

- *Concentrates - All of the processing system concentrates have a normal storage life of at least 24 months, when held in unopened containers under steady temperature conditions 56°F - 77 °F (13°-25°C). However, storage temperature below 41.5°F (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 Safety Data sheet for advice of safe handling and precautions*

### Supplies



	T/M	Product Code
Devalex Air X-Ray Developer / Replenisher.	2x20L	120122
Fixaplus XF2 X-Ray Fixer / Replenisher.	2x20L	120202
C41 / X-Ray Universal Film Starter	Variable	140302

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### Manufactured By:

#### CHAMPION PHOTOCHEMISTRY

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