

X-Ray Chemicals: RTU X-Ray Developer and RTU X-Ray Fixer



RTU X-Ray Developer and **RTU X-Ray Fixer** are designed as a maximum response, ready-to-use x-ray processing system, for all film materials. They are particularly suitable for dental and veterinary applications.

RTU X-Ray Developer

- Ready-to-use x-ray developer.
- Ideal for the processing of all makes of radiographic film materials employed in medical, dental and veterinary radiography.
- For use in all table top, dental and veterinary film processing machines.
- Clean working.
- Long working life with high throughput.
- Produces radiographs of high diagnostic quality.

RTU X-Ray Fixer

- Ready-to-use dental x-ray fixer.
- Companion product for RTU X-Ray developer.
- Ideal for the processing of all makes of medical, dental and veterinary radiographic film materials.
- Clean working.
- Long working life with high throughput.
- Produces radiographs of high diagnostic quality.

PROCESS SPECIFICATIONS

Processing Temperature Recommendations

Machine Dry to Dry Time Cycle(Seconds)	Recommended Temp. °C	
	Developer	Fixer
90	30 - 32	29 - 33
110	28 - 30	27 - 31
120	26 - 28	25 - 29
180	24 - 26	23 - 27
210	22 - 24	21 - 25
270	20 - 22	19 - 23
330	20 - 22	19 - 23

NOTE: The processing temperature should be set initially as recommended above and adjusted as necessary in order to obtain the specific quality of result desired for the particular examination.

Replenishment and working life of solutions

If the used developer and fixer tank solutions are replenished by adding fresh RTU X-Ray Developer and RTU X-Ray Fixer, to the respective tanks, at the rate of 920-1250 ml/sq. metre of film, this will assist in the attainment of the optimum tank life.

However, a useful tank life of at least two - three weeks, can be assured by regularly topping up the machine tanks with the fresh solutions.

The developer tank solution should be discarded when adequate film density ceases to be obtained from standard exposures, while the fixer tanks should be replaced when signs of non-fixation are apparent.

Manual Processing

RTU Developer and Fixer may be employed for the manual processing of dental or medical radiographs.

Development Time: 2 minutes at 20°C
 Fixing Time: 2 minutes at 20°C
 Replenishment: 920-1250ml/sq metre

Storage

The RTU Developer and Fixer are stable in full, tightly capped containers for at least 6-9 months when maintained under steady temperature conditions in the range 13°-18°C.

Safe Use of Processing Chemicals

All chemicals should be kept out of the reach of children.

The precautionary information, printed on the pack labels, should always be read before the chemicals are used.

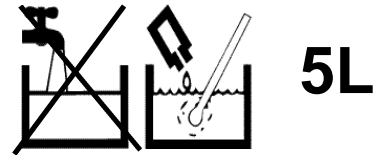
Protective clothing, including gloves and ace/eye protection should always be worn when handling chemicals.

In the event of accidental contact with solutions, or solid chemicals, the skin should be rinsed with running water, while the eyes should be rinsed for at least 15 minutes and MEDICAL ADVICE sought.

Preparation:

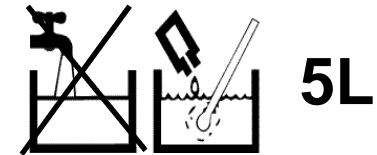
RTU X-Ray Developer

Ready-to-use. Do not dilute.



RTU X-Ray Fixer

Ready-to-use. Do not dilute.



Before a machine tank is refilled, it should be completely drained, thoroughly cleaned with Proclean Tank Cleaner then flushed out with water.

Extreme care should be taken to avoid cross contamination of the Developer solution with Fixer, since even a small amount in the Developer will have an adverse effect upon the diagnostic quality of any processed radiograph.

SUPPLIES

120116	RTU X-Ray Developer	2x5L
120213	RTU X-Ray Fixer	2x5L
120113	RTU X-Ray Developer	4x2.5L
120214	RTU X-Ray Fixer	4x2.5L
171309	Proclean Tank Cleaner	2x2x20L

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 Contact our Technical Services Department or your local representative to determine which combination of chemicals is best suited for your use.

Manufactured under an ISO 9001/2000 approved system by:

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