RG Universal RTU X-Ray Developer and Fixer

RG Universal RTU X-Ray Developer and 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.

RG Universal 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.

RG Universal 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 SPECIFICATION

Processing Temperature Recommendations

Machine Dry to Dry Time Cycle (Seconds)	Recommended Temperature °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 RG RTU Developer and 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 three - four weeks can be assured by regularly topping up the machine tanks with the fresh solutions.

The developer tank solution should be discarded when film density becomes too low 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/sqm

Storage

The RTU Developer and Fixer are stable in full, tightly capped containers for at least 18 - 24 months when maintained under steady temperature conditions in the range 13°-18°C.

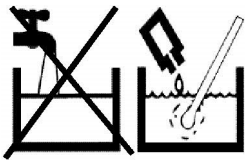
Material Safety Datasheets

The precautionary information, printed on the pack labels, should always be read before the chemicals are used. More detailed information is contained in our MSDS's which are on our website or available from our Distributors.

Preparation:

RG Universal RTU X-Ray Developer

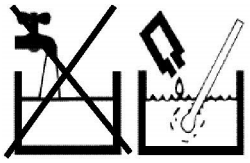
Ready-to-use. Do not dilute.



5L

RG Universal RTU X-Ray Fixer

Ready-to-use. Do not dilute.



5L

Before a processing tank is refilled, it should be completely drained, thoroughly cleaned and flushed with water.

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

Supplies

170110	RG Universal RTU Developer	2x5L
170207	RG Universal RTU Fixer	2x5L

Warranty

Seller, Champion Photochemistry Sdn. Bhd, expressly disclaims any and all warranties, express or implied, including any warranties of merchantability or fitness. Seller's sole obligation for defect is to replace the defective product. In no event shall seller have any liability for incidental or consequential damages.

Manufactured By:

CHAMPION PHOTOCHEMISTRY

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