

INSTRUCTIONS FOR USE

RAYTEC FIXER AND DEVELOPER Dental Radiography Products

1. PRODUCT DESCRIPTION

RAYTEC Radiography Developer and Fixer is a product intended for developing and fixing the exam image on film, not requiring dilution. It promotes effective development and lasting fixation of the image on the radiographic film. It is indicated for professional use in radiography procedures, ensuring clear and precise images.

2. PRESENTATION

Bottle containing 475 mL.

3. COMPOSITION

Fixer: sodium bisulfite, water, acid, preservatives, stabilizers and pH reducer.

Developer: water, hydroquinone, menthol, surface tension modifier, stabilizer, pH reducer.

4. INDICATION OF USE

This product intended for developing and fixing the image of the exam on the film is indicated for professional use in radiography. Both product components are supplied ready to use, eliminating the need for pre-dilution.

5. ACTION

It produces ready-to-read dental radiographs conveniently, simply and quickly.

6. CONSERVATION/STORAGE

- Store it at room temperature.
- Keep it out of light and heat.
- Protect it from moisture.
- Close the lid after use.
- Dispose of the product in accordance with local legislation.
- After opening, use the product within 15 days.

7. INSTRUCTIONS FOR USE

- The RAYTEC Developer used with the RAYTEC Fixer makes it possible to transfer the image to radiographic film.
- Development and fixation time may vary from 1 to 5 minutes depending on room temperature.
- The colder it is, the longer the film must remain in contact with the RAYTEC Fixer to obtain the image. The rinsing time indicated after the development must be 40 seconds, the rinsing time indicated after using the RAYTEC Fixer is 90 seconds.
- Containers with developer and fixer solutions must be kept covered when not in use, as the chemical composition of these products oxidizes with air. The water used in the intermediate wash must be changed daily.
- Ready to use in small containers, suitable for the user's need. It lends itself to manual development with visual control at room temperature.

- IMPORTANT: The good condition and temperature of the developer, agitation, exposure time to X-rays and film sensitivity are factors that determine the speed of development and the consequent quality of the intended image. It is important not to compensate the wear of solutions with increased exposure to X-rays.

Conversion table depending on temperature:

Developer		Fixer	
15°C	3 to 4 minutes	15°C	4 to 5 minutes
20°C	2 to 3 minutes	20°C	4 to 5 minutes
25°C	2 to 1 minutes	25°C	3 to 4 minutes
30°C	60 to 30 seconds	30°C	3 to 4 minutes
35°C	< 30 seconds	35°C	< 2 minutes
Rinse for 40 seconds		Rinse for 90 seconds	

8. CONTRAINDICATIONS

- Use latex gloves and protection goggles during the product handling process.
- Chemical solution with low pH and irritating, avoid contact with the skin, eyes and mucosa.
- When inhaled, it can cause discomfort, irritation or allergic reactions.
- Upon contact with the skin, the affected areas should be washed with water.
- In case of ingestion, seek medical assistance immediately.
- In case of contact with eyes, rinse thoroughly and seek medical attention.
- Do not reuse packaging.

9. WARNINGS

- Product exclusively for professional use.

10. SPECIAL CARE

- Keep out of reach of children.
- After opening, use the product within 15 days.

11. MANIPULATION

- Aseptic environment.

12. INTERACTIONS

- No interactions.

