

INSTRUCTIONS FOR USE

DENTAL FIXER and DENTAL DEVELOPER

Dental Radiographic Products

Product intended for developing and fixing the image of the exam on the film. Both products are already supplied ready to use, it is not necessary to dilute.

1. FORMULATION COMPONENTS

Fixer: Sodium bisulfite, water, acid, preservatives, stabilizers and pH reducer. Presentation form: Bottles with 500 ml.

Developer: Water, hydroquinone, menthol, surface tension modifier, stabilizer, pH reducer. Presentation form: Bottles with 500 ml.

2. STORAGE AND CONSERVATION

- Store at room temperature and keep out of light and heat;
- Protect from moisture; Close the lid after use;
- Dispose of the product in accordance with local legislation.

3. PRECAUTIONS AND WARNINGS

- Use latex gloves and 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 contact with eyes, rinse thoroughly and seek medical attention;
- Product exclusively for professional use; Keep out of the reach of children;
- Do not reuse this package.

4. VALIDITY

02 years when closed and stored correctly, after opening the packaging it must be used within 15 days, it may lose its development efficiency after opening.

5. INSTRUCTIONS FOR USE DEVELOPER AND FIXER

- The developer together with the 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 Fixer to obtain the image. The rinsing time indicated after the development must be 40 seconds, the rinsing time indicated after using the Fixer is 90 seconds;
- Containers containing 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.

Attention: 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.

6. CONVERSION TABLE ACCORDING TO 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	

