

Technical Information

Dentamat 500

Dental X-ray Film Developer and Fixer

Description :

- dental film-developing set (developer and fixer for developing of dental films in immersion developing machines (Clarimat Universal, Standard, Dry-O-Mat, Girardelli X-3 and X-3D a.o.)
- the concentrates secure optimal processing and ability for archiving of the dental films
- manual processing in dish or tank is also possible
- developer- and fixer concentrates are one - part

Mix Instructions :

Preparation fixing bath:

1. Pour out fixer concentrate into the fixing tank .
2. Fill the empty bottle with water (20 - 23 °C) and fill up the fixing tank to the final volume .
3. Stir the ready to use solution thoroughly .

Preparation developer:

1. Pour out developer concentrate into the developing tank .
2. Fill the empty bottle with water (20 - 23 °C) and fill up the developing tank to the final volume .
3. Stir the ready to use solution thoroughly

Manual Processing :

Preparation of ready to use developer and fixer solution from concentrate :

0,5 l concentrate + 1,25 l water = 1,75 l developer or (dilution rate 1 + 2,5)

Replenishment :

When required fill up the respective tank of the immersion developing machine with water to the final volume - at least once a week !

Processing Conditions :

Attention ! Because of the X - ray acceptance inspection the temperature of the processing bathes should be **about 24 °C** .

Durability and Utilization Capacity of the Bathes :

With a machine filling the developing of dental films is possible about 2 weeks .
Fresh preparation is necessary after 2 weeks at the latest - also at low throughput .
At the manual processing the ready for use bathes can be used until the activity has gone out .

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Watering Tank :

To get perfect X - ray films with ability for archiving , the washing water has to be changed twice a week .

Assortment :

Order Number	Product Name	Mix Size
200095	DENTAMAT 500	5 / 5 x 0,5 l conc. developer and fixer

Storage and Handling :

- Until the preparation **DENTAMAT 500** has to be kept in the closed original package and stored at temperatures of 10 to 25 ° C
- all users of photographic processing solutions should exercise the greatest care to avoid the chemicals contacting the skin or eyes. Always wear solution resistant gloves.
- the disposal of used photographic processing solutions has to be occurred in accordance with the legal regulations