

## PRIMAX<sup>®</sup> PT-D

### X-ray Film Tank Developer (powder)

X-RAY CHEMISTRY

MANUAL PROCESSING



#### Description:

- concentrate – developer for (manual) tank processing of X-ray films
- develops medical and technical X-ray films with high contrast at good utilization of sensitivity
- use as tank solution and replenisher
- powder, two-part for 10x10 l, 7x15 l, 5x22,5 l ready solution

#### Processing Conditions:

developing temperature: 18 °C	developing time: 6 min.
20 °C	5 min.
22 °C	4 min.
24 °C	3 min.

#### Replenishment:

- For processing of 1 m<sup>2</sup> X-ray film **300 to 400 ml** tank solution are necessary at standard conditions.

#### Mixing Instructions:

Water ( 30 - 40 °C )	Part A	Part B	fill up with Water to
 about ¾ of tank - , replenisher volume resp.	 	 	 
8 l for tank solution 6 l for replenisher	First dissolve part 1 completely in water , afterwards add part 2 under permanent stirring, then fill up to the final volume and mix well		10 l for tank solution 7,5 l for replenisher
11,0 l for tank solution 9,0 l for replenisher			15,0 l for tank solution 12,5 l for replenisher
17,0 l for tank solution 14,0 l for replenisher			22,5 l for tank solution 18,5 l for replenisher

#### Assortment:

Article Number	Product Name	Mix Size for	Capacity (m <sup>2</sup> film)
209133	Primax PT-D	10 x 10 l	240 - 330
209135	Primax PT-D	7 x 15 l	260 - 350
209196	Primax PT-D	5 x 22,5 l	280 - 375

# PRIMAX® PT-F

## X-ray Film Tank Fixer (powder)



### Description:

- concentrate – fixer for (manual) tank processing of medical and technical X-ray films
- use in conjunction with the X-ray tank developer Primax PT-D preferably
- powder, two-part for 10x10 l, 7x15 l, 5x22,5 l ready solution


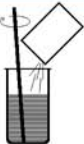

### Processing Conditions:

fixing temperature:	18 °C	fixing time:	5-6 min.
	20 °C		4-5 min.
	22 °C		3-4 min.
	24 °C		2-3 min.

### Replenishment:

- For processing of 1 m<sup>2</sup> X-ray film **500-600 ml** tank solution are necessary at standard conditions.

### Mixing Instructions:

Water ( 30 - 40 °C )	PT-F - Powder	fill up with Water to
 about ¾ of tank - , replenisher volume resp.		
<b>8 l</b> for tank solution <b>6 l</b> for replenisher	Dissolve the powder under permanent stirring and then fill up to the final volume and mix well	<b>10 l</b> for tank solution <b>7,5 l</b> for replenisher
<b>11,0 l</b> for tank solution <b>9,0 l</b> for replenisher		<b>15,0 l</b> for tank solution <b>12,5 l</b> for replenisher
<b>17,0 l</b> for tank solution <b>14,0 l</b> for replenisher		<b>22,5 l</b> for tank solution <b>18,5 l</b> for replenisher

### Assortment:

Article Number	Product Name	Mix Size for	Capacity (m <sup>2</sup> film)
209193	Primax PT-F	10 x 10 l	165
209195	Primax PT-F	7 x 15 l	175
209197	Primax PT-F	5 x 22,5 l	185

### Storage and Handling of PT-D and PT-F :

- Until the preparation Primax PT-D and PT-F have 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 done in accordance with the legal regulations.