



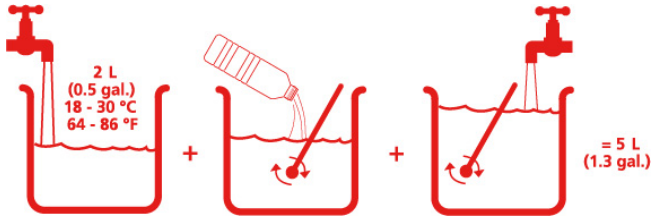
Carestream Dental film and chemicals: the perfect combination

GBX dental chemicals have been specially developed for use with Carestream Dental films. The GBX chemicals are bottled as concentrated solutions. Mix per package directions and manually process your films for your dental imaging needs.

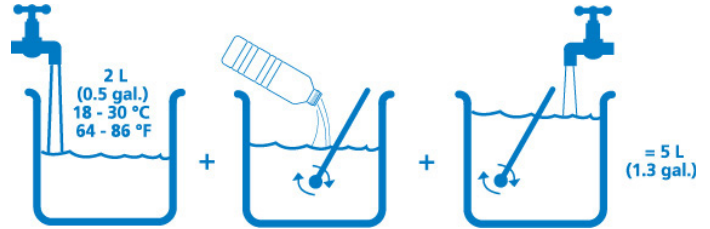
Product Name	Description	Ref No
GBX Twin Pack	Two 1 Liter Bottle in a sales unit, 1 bottle of developer and 1 bottle of fixer. To make 5 liters of developer and 5 liters of fixer or 1.3 gallons of developer and 1.3 gallons of fixer. 3 sales units in a case.	515 8613
GBX Developer	One 1 Liter Bottle in a sales unit. To make 5 liters of developer or 1.3 gallons of developer. 6 sales units in a case.	515 8597
GBX Fixer	One 1 Liter Bottle in a sales unit. To make 5 liters of fixer or 1.3 gallons of fixer. 6 sales units in case.	515 8605

Mixing Instructions for GBX Chemicals

Developer mixing instructions



Fixer mixing instructions



Manual Processing

Extraoral Radiographs	Develop*	Rinset†	Fix	Wash
Carestream Dental Extraoral Films	GBX Developer and Replenisher	Fresh Running Water	GBX Fixer and Replenisher	Clean Running Water (Approx. 8 Volume Changes per Hour)
T-MAT E T-MAT G/RA	20 °C (68 °F) 5 min 21 °C (70 °F) 4½ min 22 °C (72 °F) 4 min 24.5 °C (76 °F) 3 min 26.5 °C (80 °F) 2½ min	15.5-29.5 °C 30 s agitate (60-85 °F) continuously	15.5-29.5 °C 2-4 min or (60-85 °F) twice the clearing time, intermittent agitation	15.5-29.5 °C 5 min (60-85 °F)
Intraoral Radiographs	Develop*	Rinset†	Fix	Wash
Carestream Dental Intraoral Films	GBX Developer and Replenisher	Fresh Running Water	GBX Fixer and Replenisher	Clean Running Water (Approx. 8 Volume Changes per Hour)
INSIGHT Ultra-speed E-Speed D-Speed	20 °C (68 °F) 5 min 21 °C (70 °F) 4½ min 22 °C (72 °F) 4 min 24.5 °C (76 °F) 3 min 26.5 °C (80 °F) 2½ min	15.5-29.5 °C 30 s agitate (60-85 °F) continuously	15.5-29.5 °C 2-4 min or (60-85 °F) twice the clearing time, intermittent agitation	15.5-29.5 °C 10 min (60-85 °F)

1. Prepare developer and fixer solutions according to directions on the containers.
2. Use an accurate thermometer to determine the temperature of the developer solution for the selected film.
3. Carefully attach films to the film hangers.
4. Set the timer according to the chart for the developer temperature.
- *5. Immerse the film (attached to film hanger) quickly into the developer solution, dislodging air bubbles by vigorously moving the film hanger in the solution for 5 seconds.
- *6. Do not agitate film during development.
7. Remove the hanger from the developer when the timer sounds. Drain the excess developer into the water bath; do not drain it back into the developer tank.
- †8. Immerse the hanger rapidly into the water rinse tank. Agitate continuously during the water rinse procedure.
9. Place the hanger in the fixer solution. Intermittent agitation (5 seconds every 30 seconds) should be used throughout the fixing procedure. Excess fixer should be drained into the water bath rather than back into the fixer tank.
10. Place the hanger in the wash tank; wash in clean running water.
11. Dry at room temperature in a dust-free area or suitable drying cabinet, temperature not to exceed 49 °C (120 °F).
12. Replenishment: add 312 ml of replenisher per 5 L of developer and fixer working solutions each day even if no film is processed in the chemicals.