

## KODAK RAPID FIXER

Liquid volumes are given in metric and U.S.

**NOTICE:** Observe the precautionary information on the containers.

### STORAGE

For maximum storage life of undiluted Solutions A and B, store them at temperatures between 4 and 27°C • 40 and 80°F.

Storage life of unused mixed solution at room temperature:

- 1 week in a tray
- 4 weeks in a processing tank with a floating cover
- 4 weeks in a storage tank with a floating cover

For maximum fixing-bath life in manual processing, use an acid stop bath such as KODAK Indicator Stop Bath (available in package form) or other stop baths recommended in the instructions packaged with films and papers.

**Storage Life of Mixed Replenisher Solution:** Up to 2 months in a tank with a floating cover.

### Films and Plates

#### TO PREPARE A FIXING BATH FOR FILMS AND PLATES

To make this volume of fixing bath	1. Start with this volume of water at 16 to 27°C • 60 to 80°F	2. Add this volume of Solution A	3. With rapid agitation, add this volume of Solution B	4. Add water to bring solution to this volume. Stir until completely mixed.
3.8 L • 1 gal	1.9 L • 1/2 gal	946 mL • 32 fl oz	104 mL • 3-1/2 fl oz	3.8 L • 1 gal
13.2 L • 3-1/2 gal	6.6 L • 1-3/4 gal	3.3 L • 112 fl oz	370 mL • 12-1/2 fl oz	13.2 L • 3-1/2 gal
19 L • 5 gal	9.5 L • 2-1/2 gal	4.7 L • 1-1/4 gal	532 mL • 18 fl oz	19 L • 5 gal

In Mechanized Processors, such as KODAK VERSAMAT Film Processors and other roller-transport processors, the mixed solution is used as both a replenisher and a working solution.

#### Manual Processing

**FIXING TIMES**, with frequent agitation, in a fresh fixing bath at 18 to 24°C • 65 to 75°F:

- Most Kodak professional films ..... 2 to 4 minutes
- KODAK T-MAX Professional Films ..... 3 to 5 minutes

**CAPACITY** 3.8 litres • per gallon of fixing bath:

- 120 135-size, 36-exposure rolls
- or 120 8 x 10-inch sheets
- or an equivalent area in other sizes.

\*We do not recommend using KODAK Rapid Fixer with professional films in other manufacturers' roller-transport processors.

**Replenishment Rate:** For all tank sizes, add the replenisher at the rate of 10 mL per roll. For example: use 50 mL for a 5-clip hanger and 60 mL for a 6-clip hanger.

### Papers

#### TO PREPARE AND USE A FIXING BATH FOR PAPERS

##### Manual Processing\*

To make this volume of fixing bath	1. Start with this volume of water at 16 to 27°C • 60 to 80°F	2. Add this volume of Solution A	3. With rapid agitation, add this volume of Solution B	4. Add water to bring solution to this volume. Stir until completely mixed.
3.8 L • 1 gal	1.9 L • 1/2 gal	473 mL • 16 fl oz	52 mL • 1-3/4 fl oz	3.8 L • 1 gal
19 L • 5 gal	9.5 L • 2-1/2 gal	2.37 L • 80 fl oz	259 mL • 8-3/4 fl oz	19 L • 5 gal

\*For mechanized processing of graphic arts papers, mix KODAK Rapid Fixer by following the directions for films and plates (see chart on front page).

## INSTRUCTIONS FOR FIXING PAPERS

**FIXING TIMES** (in minutes), with frequent agitation (tray processing), in a fresh fixing bath at 18 to 24°C • 65 to 75°F:

Paper	Two-fixing-bath method (time in each bath)	One-fixing-bath method
Most non-resin-coated papers	2:30 to 5 minutes	10 minutes
Resin-coated, water-resistant papers	1 minute	2 minutes

Note: Do not fix prints longer than the times indicated above. The recommended fixing times provide complete fixing while minimizing absorption of hypo by the base of the paper.

**Two-Fixing-Bath Method:** The capacity per gallon of the first fixing bath is 200 8 x 10-inch prints (or equivalent) for most non-resin-coated papers or 350 8 x 10-inch prints (or equivalent) for resin-coated papers. After this number of prints has passed through both baths, discard the first bath. Use the second bath to replace the first, and make a new second bath. The new two-bath setup is then ready to fix 200 more non-resin-coated prints or 350 resin-coated prints per gallon. After three more changes (or one week if sooner), discard both baths and prepare fresh baths.

**One-Fixing-Bath Method:** The capacity of a single fixing bath is 100 8 x 10-inch prints (or equivalent) per gallon for either non-resin-coated or resin-coated prints.

### Mechanized Processing

To make this volume of fixing bath	1. Start with this volume of water at 16 to 27°C • 60 to 80°F	2. Add this volume of Solution A	3. With rapid agitation, add this volume of Solution B	4. Add water to bring solution to this volume. Stir until completely mixed.
76 L • 20 gal	38 L • 10 gal	19 L • 5 gal	2.1 L • 72 fl oz	76 L • 20 gal

In mechanized processors, the mixed solution is used as both a replenisher and a working solution.

#### KODAK DEKTOMATIC 65 Paper Processor

To use this fixer in the KODAK DEKTOMATIC 65 Paper Processor, dilute one part Solution A to three parts water. Fix resin-coated papers at 30°C • 86°F for 25 seconds.

**Note:** Do not use Solution B in this processor.

**Replenishment Rate:** In this processor, the mixed solution is used as both a replenisher and a working solution. Replenish at a rate of 135 mL/min • 0.15 mL/sq in.

**Solution Life:** If you use your processor for 20 or more hours a week, you can use the solution until processor maintenance is required, as long as your process remains in control. For low-volume usage, discard the fixer solution after 80 hours of processing.

**LIABILITY OF LIABILITY:** This product will be replaced if defective in manufacture or packaging. Except for such replacement, this product is sold without warranty, condition, or liability even though defect, damage, or loss is caused by negligence or other fault.

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