



TI4001

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Using KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 and E-6AR

General Description

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 and E-6AR is a reformulated version of KODAK Reversal Bath and Replenisher, Process E-6. This Reversal Bath formulation has been designed to have less odor than the current formulation and to improve the cleanliness without creating changes in customer handling. The mixing instructions and replenishment rates are exactly the same as the previous product.

The specific gravity of this solution is different. The specific gravity, when the solution is mixed according to instructions, is:

Specific Gravity

	KODAK Reversal Bath and Replenisher, Process E-6	KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 and E-6AR
Fresh Tank	1.008 at 27°C (80°F) 1.005 at 38°C (100°F)	1.004 at 27°C (80°F) 1.001 at 38°C (100°F)
Seasoned Tank	1.010 at 27°C (80°F) 1.007 at 38°C (100°F)	1.005 at 27°C (80°F) 1.002 at 38°C (100°F)
Replenisher	1.011 at 27°C (80°F) 1.008 at 38°C (100°F)	1.006 at 27°C (80°F) 1.002 at 38°C (100°F)

Physical characteristics: The concentrate is a clear solution with a slight acid odor.

In EAMER and APR, Reversal Bath is supplied in the following sizes:

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 (2*50L concentrate), CAT No. 526 5954

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6AR (20L AR), CAT No. 526 4692

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 (To make 1200L), CAT No. 526 5988

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 (20L), CAT No. 526 5962

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 (2*5L), CAT No. 526 5970*

* This product is more concentrated than the other sizes. It needs only 47 mL to make a litre of replenisher or 37.6 mL to make a litre of working tank strength (see "Mixing"). The current EAMER product is also formulated in this way, so customers using this size will not need to change their reversal bath mixing.

In LAR, Reversal Bath is supplied in the following sizes:

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 (to make 6 litres), CAT No. 636 0317

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6AR (95 litres AR), CAT No. 636 0325

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 (to make 19 litres), CAT No. 636 0333

In US/Canada, Reversal Bath is supplied in the following sizes:

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 (to make 25 gallons), CAT No. 118 7889

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6AR (5 gallon AR), CAT No. 158 3566

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 (to make 5 gallon), CAT No. 113 1500

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 (to make 10L), CAT No. 112 3611

See “Mixing” and “Replenishment” sections for current process recommendations specified in KODAK Publication Z-119, *Using KODAK Chemicals, Process E-6*, or in KODAK Publication No. Z-6, *KODAK Q-LAB Process Control Handbook*. These have not been changed with the newer formulation.

Processors

KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 and E-6AR is used in all processing machines designed for Process E-6, and in batch processing in sink lines and small tanks.

Mixing

Notice: Observe precautionary information on product labels and on the Material Safety Data Sheets.

Mixing instructions are provided here to prepare fresh tank solution or replenisher using KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 and E-6AR. Other fresh tank solution preparations do not change.

To prepare a fresh tank solution:

For each litre of tank solution, mix 40 mL of KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 and Process E-6AR, with 960 mL of water.

Important: When mixing EAMER CAT No. 526 5970, use only 37.6 mL concentrate and 962.4 mL of water.

To prepare a fresh replenisher solution:

For each litre of replenisher solution, mix 50 mL of KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6 and Process E-6AR, with 950 mL of water.

Important: When mixing EAMER CAT No. 526 5970, use only 47 mL concentrate and 953 mL of water.

Processing

No changes to current process specifications are required. Recirculation and filtration are not recommended.

Replenishment

The replenishment rate for KODAK PROFESSIONAL Reversal Bath is the same as for KODAK Reversal Bath, based on mL/m² or mL/ft² of film processed. For rack and tank processors, calculate replenishment rates per rack according to the distribution of film sizes processed.

Replenishment Rates for Pre-Mixed Reversal Bath Replenisher

per m²	per ft²
1076 mL	100 mL

Replenishment Rates for In-Line Dilution Systems

No adjustment is needed to obtain the correct dilution ratio of 50 mL of KODAK PROFESSIONAL Reversal Bath and Replenisher, Process E-6AR concentrate to 950 mL of water.

If you have questions or need assistance, contact your local Kodak representative.

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End of Instruction Sheet
