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DEVELOCHROME

DIRECT COLOR TONING DEVELOPER



INSTRUCTIONS

MADE IN U. S. A. BY



THE FR CORPORATION, NEW YORK 56, N. Y., U. S. A.



DEVELOCHROME

DEVELOCHROME was designed to fill a need for a simple and quick method of making toned photographic prints by direct development. The use of DEVELOCHROME eliminates all complicated procedures as well as special developing techniques.

PHOTOGRAPHIC PAPERS

Any enlarging or contact paper can be used with Develochrome. In general, prints will show pure and unstained whites and highlights which hardly could be duplicated by any other toning process. The majority of papers—and this includes all the popular ones—can be used without difficulty. Particularly recommended are: Brovira, Kodabromide, Azo, and Velox. The nature and texture of some papers will cause staining as they allow dyes to penetrate to such a depth that washing becomes ineffective. All papers can easily be processed if black and white prints are bleached and redeveloped in Develochrome.

The exposure time will range between 2 and 3 times normal and as the colors have a softening effect it is suggested to use a paper of one grade higher contrast than usually required for black and white.

DIRECTIONS:

1. Dissolve contents of the three small foil envelopes in 12 oz. of water at 75°F. A cloudy solution is normal. This solution is the developer and is poured into the first tray.
2. The second tray should be filled with water at approximately 75°F. No short stop should be used.
3. Dissolve the contents of package marked DEVELOCHROME FIXER in 12 oz. of water at approximately 75°F. and pour into the third tray. No other fixer should be used.

Expose prints two to three times normal and develop for approximately 2-3 minutes at 75°F. Rinse in water, then fix for 3 to 5 minutes. Wash in running water for 15 minutes. Prolonged fixing or washing will weaken the color.

DRYING:

After washing, wipe off excess water and lay prints face up on clean blotters or cheese cloth. Allow prints to dry naturally. Do not dry between blotters.

Glossy prints may be ferrotyped. Twelve ounces of DEVELOCHROME will process about nine 8" x 10" prints or the equivalent. Solutions when made up should be used immediately.

NOTICE

Because of possible skin irritation, avoid contact with powders and solutions. Use tongs for handling prints.



SPECIAL EFFECTS WITH DEVELOCHROME

THE ADDITION OF COLOR TO BLACK AND WHITE:

It is surprising how much more brilliant and rich a black and white print seems with the addition of an almost imperceptible amount of the proper DEVELOCHROME color. To obtain rich prints with a faint suggestion of color, a pre-developer may be used such as FR PAPER DEVELOPER. The print, after exposure, is immersed in the black and white developer until the desired amount of black is visible. It is then rinsed in plain water and developed, washed, and fixed in the DEVELOCHROME solutions.

TO OBTAIN VIVID COLORS:

All prints made in DEVELOCHROME contain some black due to the presence of silver. Vividly colored prints may be obtained by removing this silver. After removing the print from the Fixer, wash for 5 minutes and place in a reducer made as follows:

Water16 oz.
Sodium Thiosulphate (Hypo).. 4 oz.
Potassium Ferricyanide1/2 oz.

When completely reduced, wash in cool running water for 15 minutes and dry as previously recommended.

REDEVELOPING BLACK AND WHITE PRINTS IN DEVELOCHROME:

DEVELOCHROME may be used as a toner to convert ordinary black and white prints to prints in the desired color. Immerse print in cool water for a few minutes, then place print in a solution made as follows:

Water16 oz.
Potassium Bromide.....1/2 oz.
Potassium Ferricyanide...1/2 oz.

When image is only faintly visible, wash print in cool running water for 15 minutes, then redevelop in the desired DEVELOCHROME color for 2-3 minutes at 75°F. Wash for 15 minutes. Fixing is not necessary. This entire process should be carried out in a lighted room.

DEVELOCHROME IS AVAILABLE IN THE FOLLOWING COLORS:

Red, Yellow, Blue, Green and Sepia.

However, an endless variety of colors can be created by mixing solutions of red, yellow and blue in any proportion desired.

*if it's **fr** it's first rate!*