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Know Your Silver Levels!

On Site Test Kits are easy to use, compact and affordable. A simple, inexpensive way to perform quick, quantitative spot checks. For estimation purposes only. Certified Lab Test Analysis and Report is necessary for accurate results. **See Testing Services below:**

Field Test Kit 7110CA



Estimates silver levels from 2.0 - 200 ppm.

Kit contains 50 reusable copper alloy test strips, syringe, sample vials.

Weight: 4 oz (1.8 kg)

Copper may be utilized as a highly sensitive media to determine the presence of silver within photographic fixer processing solution effluent, including wash water. Copper test strips are not subject to solution color interference.

The purpose of the copper strips is to provide a more dependable method of determining lower levels of silver content. This method can be used on site to quickly and inexpensively confirm the presence of low levels of silver (to approximately 5ppm) within effluent solutions. This indication can then be utilized for system efficiency and effluent pollution discharge determination. This method is not a substitute for a more accurate lab tested analysis.

Silver and pH Test Strips 6131AA



Estimates silver levels from 500 - 1000 ppm, and pH levels 4.0 - 8.0.

Contains 100 Strips

Weight: 1.5 oz (0.68 kg)

Procedure:

Dip test stick briefly into the fixing bath and strip off excess liquid. After 30 seconds, compare test fields with the color scale. Depending on the silver content, the outer yellow test field turns brown. Simultaneously, you can read the pH value from the inner test field.

Note:

1. Ag-Fix test sticks cannot be used for fixing baths with pH values lower than 4.
2. Concentrated solutions (more than 5 g silver per liter) should be diluted with water (1:1 or 1:2) to bring the silver content into the most sensitive range of the test field.

Silver Estimating Paper . . . 6166CA



Estimates silver levels from 1,000 - 10,000 ppm.

Contains 100 "Tear Apart" Strips.

Weight: 0.02 oz

Procedure:

Quickly dip a piece of test paper in the fixer, flick to remove excess liquid and lay on a clean white card. Wait about 15 seconds and compare with chart. Compare with the nearest two adjacent color patches and take the nearest match. This is best done in ordinary electric light (not fluorescent). In daylight, colors may not match accurately but depth of color is a reliable indication. These papers are designed for use in fixers of normal acidity. They are not suitable for use in excess acid solution (pH) less than 4.

Note:

Paper estimating strips may be affected by exposure to humidity and age. These factors cause paper-estimating strips to indicate increasingly lesser amounts of silver present in solutions, than is actually present. Color pigments, such as black carbon particles from the steel-media of metallic replacement recovery canisters, can impregnate paper-estimating strips, giving a false test result. This darkens the paper strips, as does the presence of silver.

Deluxe Field Test Kit. . . 6155CA



Includes one each, 7110CA and 6131AA.

Estimates silver levels from 2.0 - 200 ppm and pH levels 4.0 - 8.0.

Weight: 6 oz (2.7 kg)

Testing Services

EPA Certified Lab Test Analysis Required to insure that regulatory compliance requirements are met and maintained. Call CSRS for instructions and Sample Shipping Kit. Allow 7 - 10 working days.

Authorized Dealer