

PHOTOGRAPHY LABORATORY SET-UP & CLEAN UP 2019

Be sure to rinse trays before you begin working.

Paper chemistry is not used interchangeably with film chemistry in our lab. Use the chemicals in the large storage containers at the end of the processing area for print developing only.

DEKTOL: dilute 1:2

10 oz. Dektol with 20 oz. of water to make 32 oz. of working solution
process 1.5 to 3 minutes

Never save Dektol developer; discard by pouring into the designated container for used Dektol.

STOP:

32 oz. of working solution
process 30 seconds

Reuse by pouring back into container--discard if solution turns purple by pouring into the designated container for used stop.

FIX: tray 1 use USED fix for FIRST fixing tray

32 oz. of working solution
process 3 minutes

Reuse by pouring into used fix container. Discard if solution is exhausted by pouring into the designated container for exhausted fixer.

FIX: tray 2 use FRESH fix for SECOND fixing bath

32 oz. of working solution
process 3 minutes

Reuse by pouring into used fix container unless fixer is exhausted. Check with hypocheck prior to recycling; if exhausted, pour in exhausted fixer container for disposal (do not discard).

Strength of fix can be evaluated with hypocheck.

Testing fixer with hypocheck: Pour out a 2 oz sample of fixer and add 2 drops of hypocheck. If a white precipitate forms ("the white cloud"), then the fixer solution is exhausted.

Review the instructions on the bottle of hypocheck since brands may vary. (Discard the sample used for the hypocheck test.)

HCA: (rapid bath) dilute 1:5

5 oz. HCA (rapid bath) with 25 oz. of water
to make 30 oz. of working solution
process 10 minutes

Don't save HCA when working with paper developing. Discard by pouring into the designated container for used HCA or Rapid Bath.

HCA or hypoclear clears out the fixer or "hypo".
A tray of HCA can be set up near the printwasher.

WASH: Wash prints for a minimum of 20 minutes as we are using a rapid washing aid. Fixer residue can contaminate print drying screens and other students's prints. Close drainage clip to fill washer; be sure clip is open to drain upon completion. Do not remove plexiglass separators in print washer as they are required to ensure adequate movement of water over the entire print. Avoid allowing prints to stick to one another in washer, which would prevent water from moving across print surface. Wash prints at temperatures between 65-80 degrees F. Colder water wash temperatures will not adequately wash prints and hot temperatures may damage emulsion.

SQUEEGEE: Wet squeegee first. Place print on plexiglass sheet and squeegee back of print gently. Squeegee plexi and print repeatedly to remove excess water. Be careful not to crease or damage the print. Place prints gently on screens to dry. Stop by the lab within the next day to pick up prints or use a blotter book.

CLEAN-UP

You can begin to clean-up as your prints are washing. Return fixer and stop to their containers. Discard Dektol and HCA diluted solutions by pouring into designated containers. Rinse trays well and stack. Please use the Photofinish or chemi-clear and a

sponge to clean the developer tray.

Turn off all enlargers and the safelight. Make sure that the water washers in the print darkroom and in the film developing area are both completely turned off. Thank you!