

# Photo 1: Film Processing Procedure

## ■ Loading Film in the small tank loading dark room.

1. Line up all your gear: (Remember, film reel loading in **complete darkness - no safelight!**)
2. Film reel, film tank with all of its parts: light-tight funnel insert, fitted rubber top.
3. Scissors, Bottle opener and the cassette of exposed film.
4. Shut the door solidly, turn off lights, and then pry off the flat end of the 35mm-film cassette.
5. Push the film carefully out of the cassette, by pushing on the spindle end of the magazine. Don't touch the exposed surface of the film with your fingers. Cut off the tapered leader with your scissors.
6. Once the sprocket holes of the film are engaged in the ball bearing of the spool, crank the 2 sides of the reel back and forth in opposing directions, until the film is completely drawn into the spool.
7. When you come to the end of the roll, find your scissors, and feeling for the junction of the end of the film and the cassette, cut across the film to release it from the cassette. Crank the spool a little to ensure that the end of the film is into the spool
8. Place the loaded film spool properly into your development tank. Fit the funnel insert into the tank and turn until securely locked. Now the tank is light tight, but not spill proof.

## ■ Wet Work Preparation

Get your measuring beaker, thermometer, and timer set up on the counter. Run water @ 70°.

Get all your chemicals ready on the counter, in order: developer, stop bath, fixer.

Remember: you can't leave the area while you process and use the sink. Be ready with everything.

## ■ Chemicals and Processing

### Developer

Measure out the required chemicals based on the size of your container.

Ratio: 1 ounce of T-Max Developer and 4 ounces of water.

Use the T-Max developer in the large tanks under the windows. **BE SURE YOU CHOOSE THE CORRECT TANK!**

Single reel tanks are 16 oz. **Use 3 oz of T-Max developer + 12 oz of water**

Double reel tanks are 32 oz. **Use 6 oz of T-Max developer + 24 oz of water**

Run water at 70° before mixing with developer

Dump the developer down the drain after you're done

---

There is fresh stock of Stop Bath in the large 5 gal. tank under the window '- BUT

Please use stop bath from the jug of used Stop Bath on the counter. **Pour used stop back in the jug.**

There is fresh stock of Fixer in the large 5 gal. tank under the window '- BUT

Please use stop bath from the jug of used Stop Bath on the counter. **Pour used stop back in the ju.**

Wash in running water in sink, with faucet aimed directly into the reel, dumping frequently.

Dip your film in the Photo-Flo tank by the drying closet.

Hold the ends of the film strip in each hand and dip it through. Don't touch, hang it up.

## ■ Monitoring Temperature

Ideally, all chemicals should be 68 °Fahrenheit), especially the developer.

**Run water at 70° before mixing with developer**

# Film Processing

## Developer

T-Max developer mixed with water

Small tank = 16 oz. Mix 3 oz. T-Max developer + 12 oz. water at 70 °

Large Tank = 32 oz. Mix 6 oz. T-Max developer + 24 oz 70 water

Agitate well every 30-40 seconds. Smack tank to dislodge air bubbles.

65° 12 minutes

68° 10 minutes

70° 8 minutes

72 ° 7.5 minutes

Dump developer in sink.

## Stop Bath

Pour in tank and agitate continuously for 30 seconds

Pour used Stop Bath back into storage tank on counter marked STOP BATH.

## Fixer

5 minutes, with agitation every 60 seconds.

Pour used fixer back into storage tank on counter marked FIXER.

## Wash

Wash continuously for 4 minutes, filling/dumping

Dip the film in Photo-Flo

Hang film in the film-drying closet using clothespins.

Try not to touch or drip on other people's drying film!

Mark your hanging strip of film with tape and write your name on it.