

Polaroid

AutoProcessor

35_{mm}

The numbers in parenthesis throughout the text refer to the pictures.

Before you start:

- Check that the film cartridge and processing pack (Picture 1) contain the same film type and number of exposures, and that the lot numbers (stamped on the labels) match.
- The films may be processed at temperatures within a fairly wide range, as specified in the film instructions. Be sure that all components (film cartridge, processing pack, and processor) are within this range. **Best results are obtained at 70°F (21°C).** If you refrigerate the processing pack as recommended in the film instructions, allow it to warm up for at least one hour before processing.

Load the processor:

1. Place the processor on a clean, level surface. Pull out the top of the latch (2-A), then open the processor cover. Unfold the crank handle (3-B).
2. Check that the pressure plate (3-C) and both metal rollers (3-D) are clean (see next page). Blow out any dust or lint inside the processor.
3. If necessary, grasp and turn the large spool so the clear lid is at the top; open the lid (3-E).
4. Unhook the end of the processing pack leader (4), and pull out 1-2 in. (25-50mm).
5. *To load the processing pack:* Insert the processing pack into its compartment (5). The processing pack should snap easily into position; if it does not, remove and reinsert it. Feed the processing pack leader **over** the metal roller and attach the end to the white pear-shaped pin on the spool (6-F).

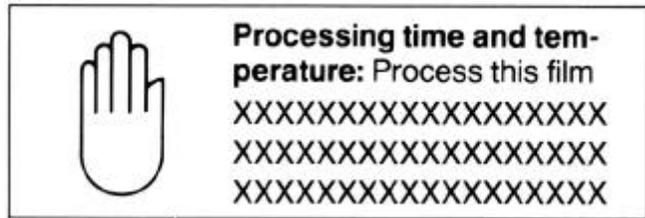
The leader should lie flat, as shown. If you have pulled out too much leader, causing it to buckle (7), you should rewind the excess as follows: Push the release switch (7-G) in the direction shown by the arrow. Hold it in this position, and turn the crank in a clockwise direction until the leader lies flat.
6. If the film leader has been rewound into the cartridge, use the film leader extractor to pull it out. Orient the extractor and film cartridge as shown (8), and insert the extractor up to the dotted line. Wind the film cartridge knob in a counterclockwise direction as indicated on the extractor, until you feel the film leader catch on the extractor. (It may be necessary to hold the knob between turns to prevent it from rewinding in the opposite direction.) Then gently pull out the extractor, with the film leader attached.
7. *To load the film cartridge:* Align the cartridge as shown (9), and insert the leader behind the bar (9-H). Then seat the film cartridge in its holder. Attach the leader to the white hook, then to the white pear-shaped pin, on the spool (10). Close the spool lid.

The leader should lie flat, as shown. If you pulled out too much leader, turn the wheel (11) in the direction shown by the arrow until the film lies flat. (This may take up to seven full revolutions, depending on how loosely the film is wound inside the cartridge.) Alternate method: Remove the film cartridge, rewind the film, and reinsert into the holder.
8. Close the processor cover; be sure it latches.

Process the film:

1. Grasp the control lever firmly, and push it down at a steady, medium speed (12).
WAIT 5 SECONDS.
2. Turn the processing crank in a clockwise direction (13), as indicated by the arrows on the crank. Turning the crank in the opposite direction will damage the processor.
Turn at a medium speed – no faster than about two revolutions per second – without slowing down or stopping. When you no longer hear the clicking of the gear (and have reached the end of the film), **stop turning immediately.**
WAIT 60 SECONDS.

This is the correct processing time for most AutoProcess films. See the film instructions for specific processing times and temperatures for best results.



3. Grasp the control lever firmly, and pull it up at a steady, medium speed (14).
4. Turn the processing crank in a clockwise direction (15), as indicated by the arrows on the crank. Turning the crank in the opposite direction will damage the processor.
Turn the crank steadily and briskly, at about three revolutions per second. Keep turning until you no longer hear the clicking of the gear, then continue turning for another 3-4 revolutions, to ensure that the processing leader is fully rewound into its pack.
5. Open the processor cover.
6. Remove the processing pack; put it back into its original box and discard it immediately. Do **not** attempt to open the pack, and do not place it on furniture (see CAUTION).
7. Unhook the film leader and remove the film cartridge. The film is ready to be cut and mounted. Follow the instructions provided with your Polaroid Slide Mounter.
If you pull the film strip out of the cartridge for inspection, take care that the image side (dull side of the leader) does not brush against the lip on the cartridge.

Keep the processor clean: Dirt or particles of dried developer on the pressure plate or metal rollers can cause spots or uneven density on slides. Clean these parts with a soft, lint-free cloth, dampened with water if necessary. Never scrape them with anything metallic, nor with your fingernail. Rotate the rollers as you clean and inspect them.

CAUTION: The Polaroid film process uses a caustic jelly which is safely packed inside a sealed container inside the processing pack. **If accidentally you should get some of this jelly on your skin, wipe it off immediately.** To avoid an alkali burn, wash the area with plenty of water as soon as possible. **It is particularly important to keep the jelly away from eyes and mouth.** Keep the discarded materials out of the reach of children and animals, and out of contact with clothing and furniture, as discarded materials still contain some jelly.

Slide projection

Polaroid AutoProcess slides can be viewed or projected in the same manner as 35mm slides made with conventional films. The following are some recommendations to help you get the most out of your slides:

For standard projection

1. A glass-beaded screen will produce the brightest image. Be sure the projection screen is **clean**. Follow the manufacturer's recommendations for removing dust, smudges, etc. **Note:** Some lenticular screens may produce objectionable patterns at certain distances with Polachrome (color) slides.
2. Use a modern, light-efficient projector equipped with a fast, flat-field projection lens of a suitable focal length.
3. Darken the room.

If Polaroid AutoProcess slides are to be projected to auditorium-size (larger than 10 ft., for example), a xenon-bulb projection system should be used. Slides also can be viewed in rear-screen projectors, in situations where room-darkening is not practical. These portable, self-contained units project a bright, 9-inch image, which is ideal for small group presentations.

Equipment

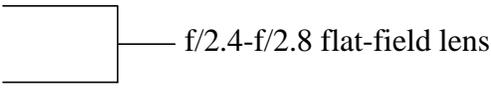
The equipment listed here will produce excellent results; many other brands and models are available. See your photographic dealer or contact Polaroid Technical Assistance for more information.

Standard projectors

Kodak Ektagraphic III, Model AT (with EXW bulb)
Kodak Ektagraphic S-AV2050 (with Osram 64655 bulb)
Leitz Pradolux RT 300 (with ENG bulb)

Projection lenses

Cinelux (Schneider)
Leitz
Navitar



f/2.4-f/2.8 flat-field lens

Large-screen projectors

Bogen Expo System (Xenon-bulb projector)

Rear-screen projectors

Kodak Ektagraphic 260 Audio Viewer
Singer Caramate, Models 4000 and 3300

Slide storage

The processed film should be cut and mounted for protection from scratches and other surface damage. Keep the mounted slides in sleeves made of acid-free paper, cellulose

acetate, polyethylene, or polyester, or in suitable containers such as acid-free storage boxes or slide trays inside their original closed boxes.

The storage container should be kept in a cool, dry place, ideally at 50-70°F (10-21°C) and 30-50% relative humidity. Avoid storage in attics, basements, or other areas that do not have adequate temperature and humidity control.

Protect the slides from chemical contaminants, which can damage the silver in the image. The contamination may come from harmful vapors, such as air pollutants, or through direct contact with materials that contain harmful chemicals.

If slides are stored in an area that may be subjected to elevated temperatures and/or humidity or to atmospheric pollution, and maximum image life is required, they should be treated with a commercially available stabilizing solution. Contact Polaroid Technical Assistance for more information.

Free and rapid technical assistance: If you ever need additional help with the use of your Polaroid 35mm System, call us Monday-Friday, 8 AM To 8 PM (Eastern Time). From anywhere in the continental U.S.A., call toll free at 800-225-1618. Or, write to Technical Assistance, Polaroid Corporation, 201 Burlington Road, Bedford, MA 01730.

Full one-year warranty

If this product proves to be defective within the warranty period, we will, without charge, either repair it or at our option replace it with a fully reconditioned unit.

The warranty period is one year from the original date of purchase. **To verify the warranty period, you should keep the sales slip or other proof of the purchase date.** Without this information, the warranty will be determined by the manufacturing date on the unit.

The repair or replacement of the unit is guaranteed for the remaining warranty period on the original unit. If within the warranty period, the unit is mailed to us for service from inside the U.S.A., it will be returned with a postal refund.

The warranty does not cover damage caused by accident, misuse or tampering with the unit, and a charge will be made for such repairs.

For warranty service, the unit must be returned to and repaired by a designated Polaroid Service Center in the United States or Canada. You can return the unit through your Polaroid camera dealer. **Before sending the unit for service,** call us toll free at 800-225-1618 from anywhere in the U.S.A. We can be reached Monday-Friday, 8 AM to 8 PM (Eastern Time).

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This warranty excludes all consequential damages. Some states do not allow the exclusion or limitation of accidental or consequential damages, so the foregoing limitation or exclusion may not apply to you.

