Daylab 35 Plus
Multiformat Slide Enlarger

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Introduction

The Daylab 35 Plus Multiformat Slide Enlarger enables you to make enlargements of 35mm slides on to Polaroid peel-apart instant films.

With its modular components, the Daylab 35 Plus is easy to assemble and simple to operate. The enlarger head is designed for use with any of four interchangeable bases, giving you the capability of using different Polaroid instant film formats. The Daylab 35 Plus comes with a base that uses the 4x5 instant film format.

Featuring built-in color filters, automatic exposure control, manual exposure adjustment and enlarging capabilities, the Daylab 35 Plus allows for a wide range of creative applications, including the Polaroid Image/Emulsion Transfer processes. (For detailed information about these processes, refer to the Polaroid publication entitled Creative Uses included in your Daylab 35 Plus kit).

Daylab 35 Plus Components

The letters throughout the text refer to the Daylab 35 Plus illustration on page 20 of this manual.

The Daylab 35 Plus has two main components:

1 The enlarger head (a): With built-in color filters, automatic exposure control, manual exposure adjustment and enlarging capabilities.

2 The film-holder base (g): You can choose from four film-holder bases that enable you to enlarge your slides onto the following peel-apart film formats: 31/4 in. x 41/4 in., 4 x 5 in.and 8 x10 in. The bases are easily changed at any time. Each base comes with either a dark slide or a focusing panel (f) which is to be inserted into your film holder. When fully inserted into the film holder, it prevents accidental exposure of your film. This dark slide/focusing panel has a white surface for use when you compose and focus your image.

4 x 5 base: This base has a Graph-Lok adapter, a built-in locking system, that accepts either the Polaroid Model 545i Film Holder for use with 4 x 5 in. single sheet films or the Polaroid Model 550 Film Holder for use with 4 x 5 in. pack film (ten exposures per pack). With the 4 x 5 base, you can enlarge a projected image by 60%.

> *(This base comes standard with the Daylab 35 Plus less 4x5 holder)*

Note: The 4 x 5 base comes with a white plastic focusing panel, for viewing and focusing images, to be used with the Polaroid Model 545 Film Holder. It is not intended for use with the Polaroid Model 550 Film Holder which has its own dark slide.

Three other bases are available as Daylab 35 Plus accessories (for a complete list of accessories, see pages 16-17 of this manual):

3 1/4 x 4 1/4 Base: For use with 3 1/4x 4 1/4in. pack film. . With the 3 1/4 x 4 1/4 base, you can enlarge a projected image by 54%

· *8x10 Base:* For use with Polaroid 8 x 10 in. film. This bases accepts a Polaroid Model #81-06 Film Holder. The 8 x 10 base is available separately or as part of a kit with the Calumet 8 x 10 Instant Film Processor and the Polaroid Model #81-06 Film Holder (see Parts and *accessories* on pages 17-18). With the 8 x 10 base, you can enlarge a projected image by 78%.

Note: The 8 x 10 base comes with a dark slide, one side of which is white for viewing and focusing images. It is intended for use with the Polaroid Model #81-06 Film Holder.

Time Zero SX 70 Base:
Also available in limited quantities is an SX 70 Base for use with Time Zero Film for SX 70 Manipulations. Contact Polaroid or Daylab for further information.

Recommended film types for specific Daylab 35 Plus applications are listed in the chart below. **Before** loading the film, you may need to prepare your film holder, depending on which film format and Daylab 35 Plus base you plan to use.

4 x 5 base: You can use three types of film holders with this base.

The Polaroid Models 545i & 545 Pro Film Holders.
For use with 4 x 5 in. single sheet film. A white plastic focusing panel (f) for composing and focusing your image is included with the base. Insert it into the 545 type film holders as you would a single sheet of film.

The Polaroid Model 550 Film Holder:
For use with 4 x 5 in. pack film. Be sure the white side of the film-holder dark slide faces upward, enabling you to compose and focus your image on the dark slide. Note: If you purchase a 550 film holder separately, the stainless steel dark slide does not have a white side. Contact Polaroid for a replacement dark slide (*see for information and or assistance on page 15 of this manual)*. **Do not** try to use the white plastic focusing panel, specifically designed for the 545i film holder, with the 550 film holder.

8 x 10 base: The 8 x10 base is intended for use with the Polaroid #81-06 Film Holder which can be used with either the Polaroid 8 x 10 Film Processor or the Calumet 8 x 10 Instant Film Processor. Before loading film, take the dark slide that comes with 8 x 10 base and insert it into the film holder. Be sure that the **white side** of the dark slide faces upward, enabling you to compose and focus your image.

3 1/4 x 4 1/4 film holder: The film holder that is built into the 31/4 x 41/4 base comes ready-to-use. Continue with Loading film.

Loading film
To load film, refer to your film holder instructions.

Note: *When using either the 3 1/4 x 4 1/4 or the 4 x 5 film-holder base, load your film into the film holder before assembling the enlarger head and the base.*

Recommended Polaroid peel-apart instant films, for use with the following Daylab 35 Plus applications:

Film format	Image/Emulsion transfer	Slide copies	Inter-negative	SX 70 Manipulation
Color Applications				
3 1/4 x 4 1/4 pack film	669	669& 679		
4 x 5 pack film	559	559		
4 x 5 sheet film	59	59 & Polacolor pro 100		
8 x 10 sheet film	809	809		
SX 70 film				Time Zero SX 70
Black and-white applications				
3 1/4 x 4 1/4 pack film	-	Polapan Pro 100	665	
4 x 5 pack film	-	Polapan Pro 100		
4x 5 sheet film	-	Polapan Pro 100	55	
8 x 10 sheet film	-	Polapan Pro 100		

After preparing the film holder and loading the film, assemble the Daylab 35 Plus as follows:

1 Attach your film holder to the film-holder base (g). **Step 1** is required only when using the 4 x 5 or 8 x 10 film-holder base. If using the 3 1/4 x 4 1/4 base, proceed with **Step 2**.

4 x 5 base: Attach either the Polaroid Model 545i, Pro or the Polaroid Model 550 Film Holder to the base. Turn the base upside down so the two sliding metal bars with the "lock" and "unlock" symbols are in view. Slide both bars as far as they will go in the "Unlock" direction. Place the film holder over the opening between the bars as shown in the illustration below.
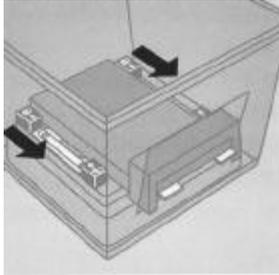
Be sure that the side of the film holder with the dark slide or focusing panel (**f**) faces this opening. With the film holder in place, slide the bars back to the "lock" position, in the direction indicated by the arrows in the illustration. When the film holder is properly mounted, the bars fit into the grooved edges of the film holder, securing it to the base.

8 x 10 base: After loading the 8 x 10 negative sheet into the film holder and removing the negative envelope, insert the film holder into the base. The film holder slides into the slot at the bottom of the base (see illustration below). Push the holder into the slot as far as it will go. When correctly inserted, the film holder locks securely into place
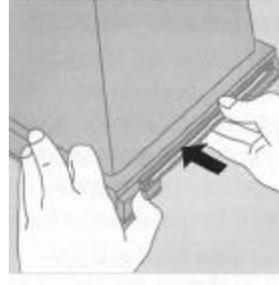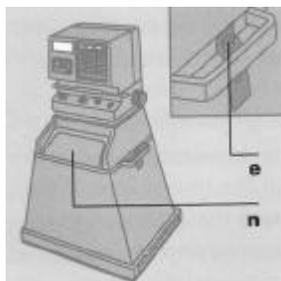

2 Attach the enlarger head (**a**) to the film-holder base (**9**).

3 1/4 x 4 1/4 base: Align the assembly fittings (**e**) on the sides of the enlarger head with the assembly locks on the base. When properly mounted, the enlarger head rests **securely** on the base.

4 x 5 and 8x10 bases: As shown in the illustrations below, orient the base so the previewing door (**n**) faces you and you can access the film-holder opening (4 x 5 base) or slot (8 x 10 base) from the **right** side of the base. Then, holding the enlarger head so the controls are facing you, place it upon the base so the assembly fittings (**e**) snap into the locks (see illustration insets)
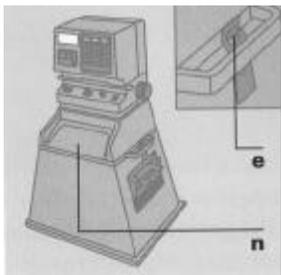
The Daylab 35 Plus head, mounted on the 4 x 5 film-holder base

The Daylab 35 Plus head mounted on the 8x10 film-holder base

3 Plug the power supply (**d**) into an appropriate electrical outlet and then into the connection on the **back** of the enlarger head.

Film Processing time

Processing times vary for different film types. Also, temperature affects the processing time of your film. Check your film instructions for the recommended processing times.

Note: When you make image transfers, the film requires a different processing time. For recommended processing times, refer to the Creative Uses Guide included with your system.

Preparing to make an enlargement

Select a slide

The Daylab 35 Plus allows you to add creative effects to your slides, but it cannot improve the photographic quality of your original image. Choose a clean, dust-free 35mm slide that is in sharp focus, has an even exposure (neither too light nor too dark) and accurately renders your subject's colors.

Orient your slide on the slide carrier

Holding the slide carrier (**i**) with its long edge facing you (the guides that hold the slide in place face upward), lay your slide emulsion -side-up (dull-side-up) on the carrier so that it fits within the guides. Be sure to orient the slide on the carrier so the image is **upside down** and appears as a **mirror image** on the focusing panel or dark slide.
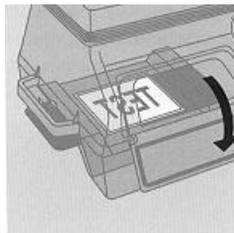
Compose your picture

With the slide correctly oriented, insert the slide carrier into the slide carrier slot (see illustration below).

Set the VIEW-OFF-PRINT switch (**1**) at VIEW: the viewing light inside the enlarger head should now be on.

Open the previewing door (n) to view your image projected onto the white focusing panel or dark slide of the film holder (as shown below)

Notice that the slide carrier does **not** lock into position in the slide carrier slot, allowing you to move it in any direction to crop and center the projected image For more information on composing your picture, see *Tips for better enlargements* on page 14 of this manual.

Focus your picture

As you view the image projected on the dark slide, turn the cropping and focusing control (**c**) on either side of the enlarger head to enlarge or reduce the image to a desired size. **Raising** the enlarger head **enlarges** the image; **lowering it reduces** the image. To bring the image into sharp focus, **slowly reverse** the direction that you turned the cropping and focusing control when you cropped the image, until the image is focused.

Caution: After bringing your image into sharp focus, be sure to close the previewing door. **Leaving the previewing door open while you expose the film fogs the print.**

Setting the Exposure Controls

On the front of the Daylab 35 Plus enlarger head are the four controls that let you set film type and make an exposure: the automatic exposure switch (**M**), the VIEW-OFF-PRINT switch (**L**), the manual exposure adjustment dial (**K**) and the START button (**J**).

The Daylab 35 Plus has a built-in exposure sensor that measures the density of your slide and automatically sets the intensity of the electronic flash. Combining the functions of the automatic exposure switch and the manual exposure adjustment dial, you can fine-tune the exposure of your print.

The automatic exposure switch (M)

You can choose from three set exposure times. For recommendations for specific exposure settings for the type of film you are using, refer to the chart below. As a general rule, use the settings as follows:

Setting 1: For use with Polaroid 8 x 10 in. Type 809 peel-apart instant film.

Setting 2: For use with Polaroid SX-70, Type 669, 59, and 559 3 1/4 x 4 1/4 in. and 4 x 5 in. peel-apart instant films.

Setting 3: For use with Polaroid Type 689 and Pro 100 films.

The VIEW-OFF-PRINT switch (I)

With three settings: VIEW, OFF, and PRINT, use this switch to select the proper light source as you compose an image on the darkslide/focusing panel or as you print an image.

VIEW: Select VIEW to compose an image on the dark slide focusing panel. This setting activates the lamp that illuminates your image onto the dark slide.
Note: With VIEW selected, you cannot preview the effects of any color filtration on your projected image.
Caution: Never leave your slide under the view lamp longer than necessary. **Heat from the lamp can damage your slide.**
OFF: After you compose and focus your image, return the switch to OFF until you are ready to make a print. This helps extend the life of the VIEW lamp. When you finish using the Daylab 35 Plus, return the switch to OFF.
PRINT: Select PRINT when you are ready to make an exposure.

The following is the recommended starting point for the various film types:

Film Type	Setting	Adjustment	Filters		
SX-70	2	-3	0	0	0
559	2	0	0	0	0
59	2	0	0	0	0
664	3	-1	0	0	0
669	2	0	0	0	0
689 Pro 100	3	-2	0	0	0
809	1	0	0	0	0

If you are enlarging you need to turn the adjustment o plus one click to the +. If you are using more than 30cc's of color, you might also have to add another click. If you have any questions, please call Daylab at 800-235-3233.

The manual exposure adjustment dial (k)

Use the manual exposure adjustment dial to override the three automatic exposure settings. The dial lets you make exposure corrections to your prints and has an exposure-correction range with seven settings. Use the "0" setting at the midpoint of the range when no exposure correction is needed. If you are making an enlargement of a **properly exposed** slide, use the "0" setting as your starting point. You can either add or subtract exposure time from the "0" setting. Adjusting the exposure by one line on the dial is equivalent to 1/2 f/stop. The dial lets you add or subtract up to 2 1/2 f/stops. Turning the dial from "0" clockwise in the "+" direction lets you increase the exposure to lighten your printed image. Turning the dial from "0" counterclockwise in the "-" direction lets you reduce the exposure to darken your printed image. For more information see *Possible problems, causes* on page 13 of this manual.

The START button (j)

The red START button activates the automatic exposure sensor and the printing light which exposes the film. **Note:** Only a slight amount of pressure is needed to activate the START button. By using a light touch, you also minimize the possibility of moving the enlarger head and blurring the image.

Caution: When you are ready to make an exposure, be sure to close the previewing door (**n**). **If you leave the door open, you will fog your print.**

On the front of the enlarger head are three color filtration controls (**h**), allowing for color correction to your projected image (see illlustration below).
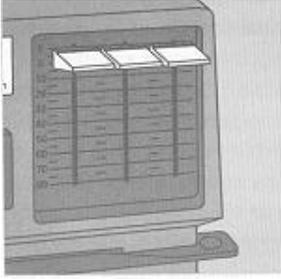
The Daylab 35 Plus enables you to adjust the color balance of your enlargement by adding amounts of the three primary colors: cyan, magenta and yellow (singly or in combination) to your print.

The filters are scaled so you can measure the amount of filtration for each color. Use "0" for no filtration Or, increase the filtration by increments of "5", up to "80," the maximum filtration level.

As you evaluate the color balance of your image to determine what correction it may need, first select a portion of the image that should be **neutral or gray** to detect any undesirable color cast Whenever possible, look also at **skin tones** for improperly balanced color. To **eliminate** the undesired color cast from your image, you will need to add filtration for that color's complement (for color correction, refer to the chart on page 10).

In color photography, light is broken down into three primary colors: cyan (greenish blue), magenta (reddish purple) and yellow. By pairing these colors in equal amounts, you can create the following secondary colors:

CYAN + MAGENTA = BLUE

MAGENTA + YELLOW = RED

YELLOW + CYAN = GREEN

To add a certain color to your printed image, you must either add that same color with filtration or decrease its complement. Use the chart below to determine what filter or combination of filters you need to correct your image.

Correcting prints from color slides

If you want:	*add:*	*or*	*subtract:*
Less YELLOW	CYAN + MAGENTA		YELLOW
More YELLOW	YELLOW		CYAN - MAGENTA
Less RED (MAGENTA + YELLOW)	CYAN		MAGENTA + YELLOW
More RED	MAGENTA + YELLOW		CYAN
Less MAGENTA	YELLOW + CYAN		MAGENTA
More MAGENTA	MAGENTA		YELLOW + CYAN
Less BLUE (CYAN + MAGENTA)	YELLOW		CYAN + MAGENTA
More BLUE	CYAN + MAGENTA		YELLOW
Less CYAN	MAGENTA + YELLOW		CYAN
More CYAN	CYAN		MAGENTA + YELLOW
Less GREEN (YELLOW + CYAN)	MAGENTA		YELLOW + CYAN
More GREEN	YELLOW + CYAN		MAGENTA

1 Slide the automatic exposure switch (**m**) to the setting appropriate for the type of film you are using.

2 Set the manual exposure adjustment dial (**k**) at the setting appropriate for your slide. For a slide image with average lighting conditions, start with the "0" setting.

3 Set the VIEW-OFF-PRINT switch (**I**) at PRINT.

4 If you are printing onto **color** film, set the color filtration controls (**h**) all to the zero setting to start.
Most slides will print well with no fitration. If printing onto **black-and-white films,** you should initially set the three color filtration controls to "0" You can, however, use filters to add or subract tonal values for black-and-white prints.

5 in order to expose the film, first close the previewing door (**n**) as shown in the illustration below. Then pull the dark slide or focusing panel (**f**) as shown, following the directions that apply to the film holder and film holder base you are using.
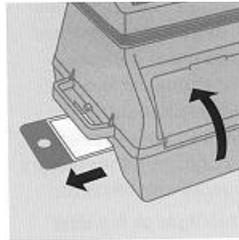
The Daylab 35 Plus, mounted on the 3 1/4 x 4 1/4 base

3 1/4 x 4 1/4 base: Gently pull the dark slide out **as far as it will go.**

4 x 5 *base:* if you are using a Polaroid Model 545i or Pro Film Holder, gently pull the white plastic focusing panel **all the way** out of the film holder and replace it with a single sheet of film. Then, following the instructions in the film holder instruction manual, continue with the film-exposing process by pulling out the negative envelope of the single sheet of film.
If you are using a Polaroid Model 550 Film Holder, pull the dark **slide all the way out** of the film holder.

***8 x 10 base:*** Gently pull the dark slide **all the way out of the** film holder.
Caution: To steady the Daylab 35 Plus as you remove the 8 x 10 dark slide, grip the enlarger head handle on the left side of the Daylab 35 Plus (the side opposite the side of the dark slide). **Do not** try to steady the Daylab 35 Plus by placing your hand **on top** of the enlarger head as you can lose your cropping and focusing settings.

Processing the Film

6 Press the START button (**j**) to expose the film. **Press the button gently.**

7 After exposing the film, gently insert the focusing panel or dark slide (**f**) back into the film holder, as far as it will go.

8 x 10 base: After inserting the dark slide into the film holder, remove the film holder from the base. With your left-hand thumb, release the locking device as shown in the illustration below. At the same time, grip the film holder with your right hand, as shown, and pull the film holder out of the base.
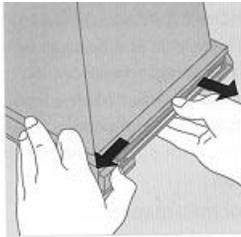
To process the film, follow the instructions that come with your Polaroid film holder. Wait the required processing time. Continue processing the film as directed in your film holder instructions. *Caution:* The Polaroid instant film process uses a caustic paste. Avoid contact with skin, eyes and mouth and keep away from children and animals.

If you get some paste on your skin, wipe it off immediately and wash with water to avoid an alkali burn. If eye or mouth contact occurs, quickly wash the area with plenty of water and see a doctor. Keep discarded materials away from children, animals, clothing and furniture.

The image is blurred, out of focus

Most likely causes are:
- An original slide not in sharp focus.
- Too much pressure applied when pressing the START button (**j**) to expose the print, causing the enlarger head (**a**) to vibrate or move.
- Altered focus settings from pressing on the top of the enlarger head (**a**) while pulling the dark slide/focusing panel (**f**) out of the film holder.

The print is blank

Most likely causes are:
- Forgetting to press the START button (**j**) to expose the film.
- Forgetting to move the VIEW-OFF-PRINT switch (**l**) to PRINT before pressing the Start Button(**j**) to expose the film. (No exposure will have been made.}
- Leaving the previewing door (**n**) of the film-holder base (**g**) open while pressing START(**j**) to expose the film.
- Leaving the focusing panel/dark slide (**f**) inserted in the film holder while making an exposure.
- While using a Polaroid Model 545i or Pro Film Holder (for 4 x 5 in. sheet film), the negative came out with the cover. Make sure the sheet is pushed all the way into the holder. If the holder is bent or has matter jammed inside, it may not be able to grasp the negative.

The print is too light or too dark

Most likely causes are:
- An original slide over- or underexposed. The Daylab 35 Plus cannot enhance an improperly exposed original image.

- An over- or underexposed print. If the print is overexposed, decrease exposure with the manual exposure adjustment dial (**k**) by-1 or more depending on the severity of the overexposure. It under-exposed, increase exposure with the manual exposure adjustment dial by +1 or more depending on the severity of the underexposure. If the print is severely underexposed, you may need to increase exposure by selecting a higher setting (setting 2 or 3) with the automatic exposure switch (**m**) or possibly expose the print more than once.

The image printed backwards
The slide is incorrectly oriented on the slide carrier (i). Be sure that the **image projected on the focusing panel or dark slide** appears as a **mirror image** of what you want for your final print.

Lamp replacement

Contact Polaroid for information on replacement lamps and installation instructions. See *For Information or Assistance* on page 15.

Other film-processing problems
For other problems specifically related to film processing : black edges, missing corners, spots or streaks on your prints, see your film holder instructions for possible causes. A frequent cause of film-processing problems is dirty rollers. Inspect the film rollers in your film holder frequently and keep them clean. For further assistance, call Polaroid Corporation toll-free at 1- 800-343-5000 Mon - Fri. 8 AM to 8 PM (Eastern Time).

Composition and cropping

By repositioning the slide carrier (**i**) in the slide carrier slot, you have control over cropping an image as you compose a picture. When you preview the projected image on the white focusing panel (**f**), you can move the slide around to center any portion of the projected image on the focusing panel or to crop out that portion of the image you want to exclude from your print. Zooming out (**lowering** the enlarger head) lets you project an uncropped image (the full format) of your 35mm slide. Also, you can change the orientation of an image by rotating your slide 90 degrees on the slide carrier.
Note: When using the 31/4 x 41/4 base, you cannot print the full format of your slide. As you zoom out to project an uncropped image of the slide, you lose approximately 1 /16 in. from the horizontal dimension of the image.

Using more than one slide at a time

You can also use the Daylab 35 Plus to print a single image from two slides. Remove the two 35mm slide transparencies from their originals mounts, lay one slide on top of the other, and align them carefully to compose your picture. Then, place the slides together in **a single** mount to keep the image properly aligned. The Daylab 35 Plus automatically adjusts the exposure to compensate for the second slide. Remember, however, that you can fine-tune the exposure by overriding the automatic exposure setting with the manual exposure adjustment dial (**k**).

Your Daylab 35 Plus is guaranteed against defects in materials and workmanship for one full year from the date of original purchase. During this period, any such defects will be remedied without charge, except for transportation costs. The warranty excludes damage resulting from normal wear, mishandling or accident, and a charge will be made for such repairs. The warranty excludes lightbulbs and the timer battery. **This warranty excludes consequential damages.**

For further information or warranty assistance with the Daylab 35 Plus or for information or assistance with the Polaroid image Transfer process, call Polaroid Corporation, toll-free at 1-800-343-5000, Mon.-Fri., 8 AM to 8 PM (Eastern Time).
For Service: Before returning the Daylab 35 Plus for service, contact Polaroid Corporation at 1-800-343-5000 for shipping instructions and service information.
Polaroid Corporation provides referral and shipping assistance with the Daylab 35 Plus with the consent of Daylab and solely as a service for Polaroid customers. This service shall not be construed to warrant or represent the function, fitness, workmanship or design of any non-Polaroid products.

To order Daylab 35 Plus parts or accessories,
call Polaroid Corporation toll-free at
1-800-343-5000, Mon.-Fri., 8 AM to 8 PM
(Eastern Time).

Item	Order number	Description
Daylab 35 Plus Multiformat Slide Enlarger 114725		Complete slide-enlarging system for use with Polaroid 4x5 instant peel-apart films; Enlarger head includes: 4 x 5 Film-Holder Base with Graph-Lok Adapter Includes a focusing panel for the Polaroid 545i Film Holder; ***Polaroid Model 545i, Pro and 550 Film Holders purchased separately*** Power supply Creative Techniques Brochure
Daylab 3 1/4 x 4 1/4 Base	101371	Compatible with the Daylab 35 Plus enlarger head, for use with Polaroid 3 1/4x4 1/4 instant pack films
Daylab 8 x 10 Film-Holder Base	619456	Compatible with the Daylab 35 Plus enlarger head, for use with Polaroid 8 x 10 instant peel-apart films; includes a dark slide with a single white side for use with a Polaroid #81-06 Film Holder; Film Holder & Processor purchased separately
Calumet Processor and Polaroid 8 x10 Film Kit	619459	Compatible with the Daylab 35 Plus enlarger head, includes: Calumet 8 x 10 Film Processor Daylab 8 x 10 Film-Holder Base #619456 Polaroid #81-06 Film Holder #603977
Daylab Time Zero Base	625554	Use with Time Zero film for SX 70 Manipulations

Note: *All film holders & accessories above are interchangeable with the Original Daylab II System*

Item	Order number	Description
Polaroid image Transfer Kit	616164	Includes: Twin pack of Polaroid Type 669 film Instructions for producing 31/4 x 41/4 in. format image transfers Speedball burnisher/roller, Chipboard, Plastic Tray, & Watercolor Paper
Polaroid 545 Pro film holder	100072	Compatible with the Daylab 35 Plus 4 x 5 Film-Holder base, for use with Polaroid 4 x 5 instant sheet films
Polaroid 546i Film Holder	617878	Compatible with the Daylab 35 Plus 4 x 5 Film-Holder base, for use with Polaroid 4 x 5 instant sheet films
Polaroid 550 Film Holder	604030	Compatible with the Daylab 35 Plus 4 x 5 Film-Holder Base, for use with Polaroid 4 x 5 instant pack films
Polaroid #81-06 Film Holder	603977	Compatible with the Daylab 35 Plus 8 x 10 Film-Processing Base, for use with Polaroid 8 x 10 instant film
Polaroid #81-09 Loading Tray	603978	Use with Polaroid Holder & Processor
Polaroid 8x10 Processor	607224	Motorized 8x10 Processor
Polaroid 8x10 Processing System	716568	Includes one Holder, Loading Tray & 8 x10 Motorized Processor

Specifications

These specifications are for the standard
Daylab 35 Plus enlarger head and 4x5
film-holder base.

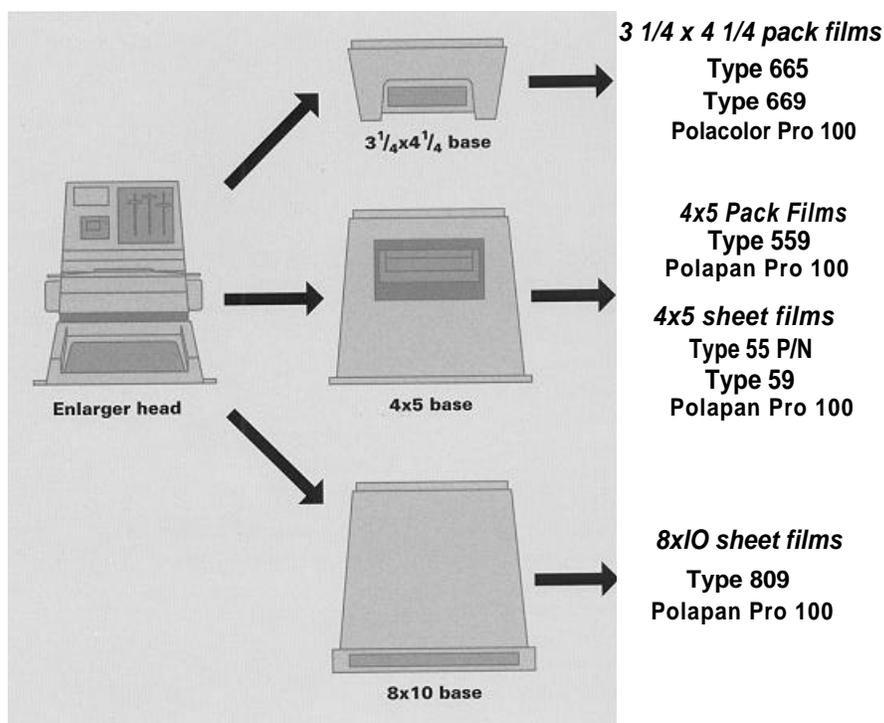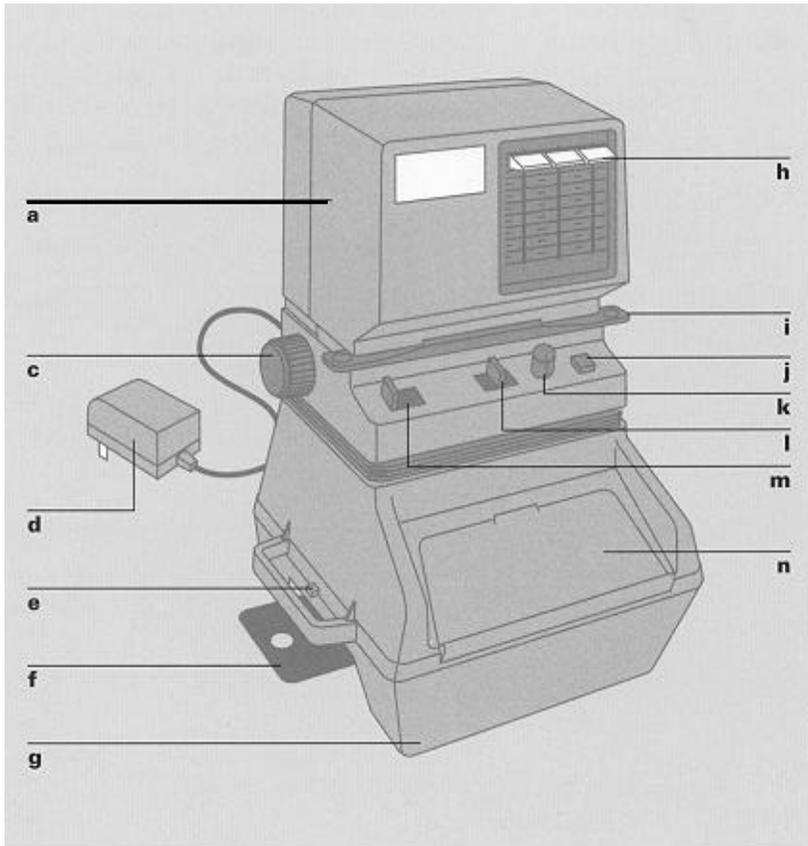| *Feature*	*Specification*
Weight and dimensions	Weight: 8 lbs. Height (minimum magnification): 16 in. Height (maximum magnification): 20 in. Length: 10 in. Width: 10 in.
Enlarging lens	Built-in, non-removable, 35mm, f/:3.5, 4 element: automatically stops down to f/5.6 for printing
Power supply	PS 115 Standard 115 VAC to 12 volt DC power supply: also available: · PS 220 to 240 VAC to 12 volt DC · PS 100 VAC to 12 volt DC
Filtration	Built-in cyan, magenta and yellow filters: adjustable from 0 to 80 cc color correction units in color density; more filtration may be added
Exposure control	Automatic sensor, manual override; control provides 5 f-stop range (+/- 2 1/2 f-stops)
Exposure system	Built-in electronic Flash exposure system is automatically controlled based on density of slide, subject to manual override
Film ISO control	Three-speed switch for: **1** Polaroid films **2** mid-range ISO films **3** low ISO films Use settings 2 and 3 for longer exposures of Polaroid instant films
Magnification range	3 1/4 X 4 1/4 base 54 % enlargement capability 4 x 5 base: 60 % enlargement capability 8 x 10 base: 78 % enlargement capability

Daylab 35 Plus Kit Contents

The Daylab 35 Plus kit has several components. Inspect your kit upon opening to be sure it contains the following:
 Enlarger head
 4x5 Daylab base
 Power supply
 Polaroid Creative Techniques Brochere
 This instruction manual
 Registration card

The chart below lists the Polaroid instant films that are compatible with the Daylab 35 Plus film-holder bases. (For recommendations on what films are appropriate for specific applications, refer to the chart on page 3 of this manual.)
Note: The bases shown below for 4 x 5 in. and 8 x 10 in. films are available as accessories. For a complete listing of Daylab 35 Plus accessories, see pages 16-17 of this manual.

3¹/₄x4¹/₄ base

Enlarger head

4x5 base

8x10 base

3 1/4 x 4 1/4 pack films
Type 665
Type 669
Polacolor Pro 100

4x5 Pack Films
Type 559
Polapan Pro 100

4x5 sheet films
Type 55 P/N
Type 59
Polapan Pro 100

8xlO sheet films
Type 809
Polapan Pro 100

The Daylab 35 Plus enlarger head mounted on the 3 1/4 x4 1/4" film-holder base

a Enlarger head
c Cropping and focusing control
d Power supply
e Assembly fittings
f Dark slide/focusing panel
g Film-holder base

h Color filtration controls
i Slide carrier
j START button
k Manual exposure adjustment dial
l VIEW-OFF-PRINT switch
m Automatic exposure switch
n Previewing door