

Legacypro Paint Can Pinhole Camera

The Legacypro Paint Can Pinhole Camera is simply that – a pinhole camera made from a paint can. This easy-to-use object is perfect for teaching students a variety of things about the science behind the camera obscura effect and how to make photographs with very little technology – plus, they're also just a lot of fun!

Each camera is equipped with the following:

- A **Can** with a **Lid** (those are important!)
- A **Pinhole** opening, drilled for an f-stop of f/125.
- A **Magnet** for use as your shutter (1"x3" white strip found inside can upon receipt).
- These **Instructions** for use.



Recommended materials:

Black & White POSITIVE Paper, like HARMAN Direct Positive, is IDEAL for use with pinhole cameras, as the resulting image is an actual positive photograph, with no steps outside normal processing. The quart size can fit a sheet of 4"x5" paper perfectly. This is the simplest process for beginners and these papers can be loaded under normal safelight conditions.

Black & White ENLARGING Paper, traditional B&W paper, is used to make a NEGATIVE image (designed to make a positive, from negative camera film). When used inside a pinhole camera, the negative image is your final result, without any extra steps, outside normal processing. It is possible to use the negative print you create in the camera as a "paper negative" for contact printing onto another sheet of enlargement paper, which results in a positive print.

Ortho Litho Film, like Arista Ortho 3.0, is used to make a NEGATIVE image (when using a NEGATIVE film, the image result is a POSITIVE). Ortho film is ideal for making multiple prints of the same image, as the negative created can be used for enlarging and contact printing. Ortho film's sensitivity and safelight needs are similar to that of B&W Positive and Enlarging papers.

4x5 Film - Black & White / Color Negative (C-41) / Slide (E-6) - can be used, as well. However, due to the comparatively high sensitivity versus B&W enlarging / positive papers / Ortho Film, they take considerably less time to expose and require to be loaded in total darkness. When using B&W and C-41 (color negative) film, like with enlargement paper, the resulting image is a NEGATIVE and would require scanning, contact printing, or enlarging to get a positive print. SLIDE (E-6) film results in a POSITIVE image that can be used as a final work.

ALL of these materials can be scanned into a computer for editing / enlargement / digital printing.

INSTRUCTIONS

Load the camera

- Cover the Pinhole with magnet (or black tape).
- Remove the lid (use a screw driver or similar tool).
- **BEGIN SAFELIGHT CONDITIONS OR PLACE ALL PARTS INSIDE A CHANGING BAG AND DO NOT EXPOSE TO (NON-SAFE) LIGHT UNTIL THE LID IS SECURELY IN PLACE, AFTER LOADING.**
- Remove the paper/film from light-tight container.
- Insert paper/film on opposite side of the can from pinhole.
- Tape paper/film in place (if concerned with shifting during transport / setup).
- TIGHTLY replace the top (press down firmly).

Operate the camera

- Find your subject.
- Point the pinhole toward your subject.
- Make sure the camera is stable, as wind and rain can cause motion blur.
- Remove the magnet to reveal the pinhole. Your exposure has begun! Do NOT move the camera without re-covering the pinhole.
- Cover the pinhole to end exposure.
- Take camera back into safelight conditions for processing.
- Process paper/film, per material's instructions.

Depending on lighting conditions and material used, exposure times will vary greatly. Here are recommended starting points for OUTDOOR photography:

- For POSITIVE and B&W ENLARGING paper, 2-8 min exposures can be expected.
- For FILM (100 ISO), exposures of as quick as 10-40 seconds can be successful.

These are just starting points and not indicative of every situation. For INDOOR photography, proper exposures could take hours.

It is always important to test your materials before a workshop or important project, so you know how your material needs to be utilized for the best chance of success.

Legacypro Paint Can Pinhole Cameras are Made in USA.

For additional information, please contact your preferred photo retailer, or:



12231 Florence Ave., Santa Fe Springs, CA 90670
custserv@freestylephoto.com
www.freestylephoto.com