

Calumet C2N Roll Film Holder Instructions

General Description

The Calumet C2N Roll Film Holder can be inserted into any model 4x5 view camera in the same manner as a double sheet film holder. While its unique design will fit cameras with spring backs, it also has locking grooves that are compatible with International-style, or Graflok backs.

The C2N produces a 6x7cm (2 $\frac{1}{4}$ " x 2 $\frac{3}{4}$ ") image size, and will accept either 120 or 220 roll film. Please note that 220 film, which has a longer paper leader and is spooled without a paper backing, requires different loading procedures than 120 film. *Read instructions carefully before loading either type of film.*

Installing 6x7 cm Mask

An acetate framing mask is furnished with each C2N holder. This mask is to be placed over your camera's ground glass as a compositional and framing aid when using the C2N. It is mounted into position by sliding its edges under the ground glass retaining clips, and is used for accurate framing of the 2 $\frac{1}{4}$ " x 2 $\frac{3}{4}$ " format.

Loading Instructions for 120 (10-exposure) Film

NOTE: Always load film in subdued lighting conditions. Loading the holder in bright sunlight could result in fogging the first frame of your film.

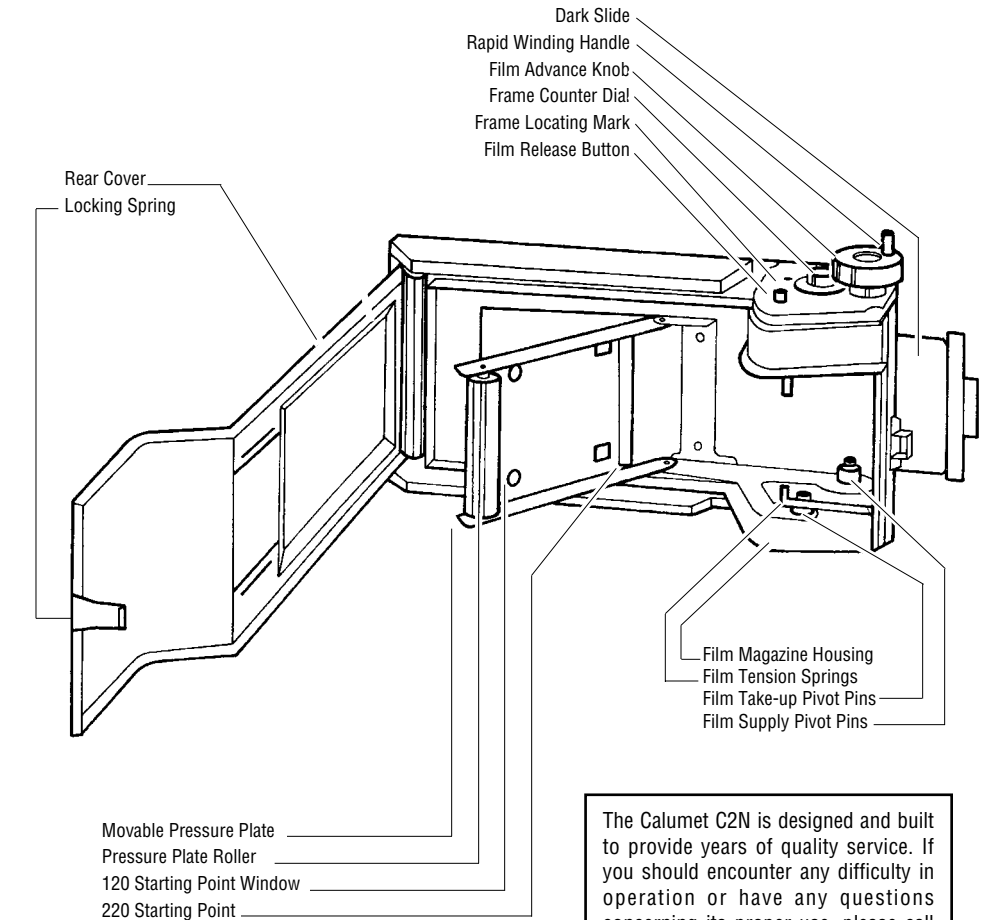
1. Place the C2N's frame counter dial in "neutral" (free wheeling) position, with the frame locating mark (arrow) between "20" and "S." By holding down the release button and turning the rapid winding handle, the counter dial can be advanced without stopping at each frame.

2. Open the holder by releasing the locking spring, swing open the hinged rear cover, and remove the empty film spool. Place new roll of 120 film in the film supply position by engaging the end of the spool into the spring-loaded supply pivot pin and apply pressure until the second, or fixed pivot pin is engaged with the spool.

NOTE: Film should be loaded with paper leader coming off of the top (i.e. with the black side down). Install the empty film spool into the take-up pivot pins in the same manner.

3. Insert the paper leader — black-side-down — under the movable pressure plate. You may want to lift the pressure plate up for this procedure, and let it down on top of the leader. Pull out the leader until the arrows appear in the 120 starting point windows on the pressure plate, bring it back over the roller and insert the end into the slot in the empty take-up spool. Turn film advance knob until leader slack is removed and place film tension springs in contact with film spool.

4. Close and lock the rear cover. Turn the frame counter dial slightly until it stops at the "S" position.



The Calumet C2N is designed and built to provide years of quality service. If you should encounter any difficulty in operation or have any questions concerning its proper use, please call toll-free, 1-800-CALUMET (1-800-225-8638), and speak with a Technical Sales Representative. Thank you for considering Calumet for your professional photographic needs.

5. Advance the film to the first frame by turning the rapid winding handle until it stops. Insert the C2N holder into the back of the camera, as you would a sheet film holder. Check to make sure your lens' shutter is closed before removing the C2N's dark slide.

NOTE: While the C2N holder fits virtually all 4x5 view cameras, there are certain model cameras on which the ground glass frame extends out far enough to interfere with the proper seating of the holder. In such cases we recommend that you raise the ground glass frame, slide in the C2N to its proper seating position and carefully rest the frame on top of the holder's film magazine housing.

6. After each exposure, press the release button and advance the film with the film advance knob until it automatically stops at the next frame.

NOTE: Do not hold down the release button. Each additional frame is automatically positioned. By advancing the film with the film advance knob, instead of the rapid winding handle, you reduce the chance of moving the camera or the holder. When you remove the C2N from the camera for any reason, be sure to first insert the dark slide.

7. After exposing the final (#10) frame, insert the dark slide, hold the release button down and wind up the paper leader with the rapid winding handle. Film will be properly wound on the spool when the frame counter gets to #18.

Loading Instructions for 220 (20-exposure) Film

1. Follow the general instructions for loading 120 film. Line up the starting arrow on the leader with the right, or leading edge of the pressure plate. **Do not use the 120 starting point windows.** Insert the leader into take-up spool and turn the film advance knob until slack is removed. Place the film tension springs into position.

2. Close the rear cover. Do not engage counter. Turn film advance knob two (2) complete revolutions. This must be done before you set the frame counter dial to "S." Advance film to first frame in normal manner.

3. When loading 220 film, the frame counter dial will automatically go into "neutral" position after the final (#20) frame. Turn the rapid winding handle approximately 15 revolutions to wind up the protective paper trailer. The wind-up of the trailer will be indicated by a complete absence of tension on the rapid winding handle, plus about five (5) additional turns.