

CAMBO C243 Roll Film Holder Instructions

General Description

The CAMBO C243 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 Graflock backs.

The CAMBO C243 produced a 56x112 mm (2 1/4 x 4 1/2) 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 Format Mask

An acetate framing mask is furnished with each CAMBO C243 holder. This mask is to be placed over your camera's ground glass as a compositional and framing aid when using the CAMBO C243. It is mounted into position by sliding its edges under the ground glass retaining clips, and is used for accurate framing of the image.

Loading instructions for 120 Film (6 exposures 6x12)

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

Not suitable for infra-red film.

1. Place the CAMBO C243 frame counter dial in "neutral" (freewheeling) position, with the frame locating mark (red point) between last frame 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 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 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 drop on top of the leader. Pull out the leader until the arrows appear in the circular 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. Check if the dark slide is properly in its place.
5. Advance the film to the first frame by turning the rapid winding handle until it stops. Insert the CAMBO C243 holder into the back of the camera as you would act with a sheet film holder. Check to make sure your lens/shutter is closed before removing the CAMBO C243's dark slide.

NOTE: While the CAMBO C243 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 CAMBO C243 to its proper seating position and carefully rest the frame on top of the film magazine housing.

6. After each exposure, press the release button and advance the film with the 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.*

NOTE: When you remove the CAMBO C 243 from the camera for any reason, be sure to first insert the dark slide.

7. After exposing the final (6th) 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 onto the spool when the counter gets to 12.

Loading instructions for 220 Film (12 exposures 6x12)

1. Follow the general instructions for loading 120 film. Line up the starting arrow on the leader with the right square windows of the pressure plate. *Do not use the 120 starting point windows.* Insert the leader into the empty take-up spool and turn the film advance knob until slack is removed. Place the film tension into position.
2. Close the rear cover. Do not engage counter. Turn the film advance knob two (2) complete revolutions. This must be done *before* you set the frame counter dial to the "S" position. Check if the dark slide is properly in its place and advance film to the first frame in normal manner.
3. When loading 220 film, the frame counter dial will automatically go into "neutral" position after the final (12th) frame. Turn the rapid winding handle approx. 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.

The CAMBO C243 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 your dealer or CAMBO directly and speak with a Technical Sales Representative. Thank you for considering CAMBO for your professional photographic needs.

Technical specifications can be changed without notice.

CAMBO 6x7 and 6x9 Roll Film Holder Components

