

Section L

CU5 Camera

Subsection 2

Name of Procedure:

CU5 Camera

Suggested Uses:

This camera is used to preserve developed latent impressions. This will allow the analyst to maintain the developed impressions, utilize them in examinations and disseminate them to the appropriate agencies in a permanent manner. The CU5 camera offers an effective manner of recording latent impressions in the laboratory or during technical field assistance.

Equipment Needed to Perform Procedures:

A - CU5 Camera

B- Film (Polaroid)

Chemicals Needed For Preparation of Chemical Solution(s):

Not Applicable

Formula/Directions for Preparation of Chemical Solution(s):

Not Applicable

Processing Procedures for Application to Item(s) of Evidence:

The CU5 camera is set at a 1:1 ratio when utilized with the standard extensions provided with the camera. The camera is equipped these extensions to allow the camera to capture larger images or areas if required. The CU5 camera will allow the analyst to view developed photographs and negatives in a matter of seconds which makes it a convenient camera to use at crime scenes.

1. The camera should be loaded with the appropriate film to record the impressions or area (consult the owners guide for the type of film necessary).
2. Set the camera on the appropriate F-stop and exposure time needed.
3. Place a scale near the impressions for future reference.
4. Align the picture in the view finder and pull the exposure trigger on the camera.

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5. The photograph will develop in thirty (30) seconds with most black and white film (longer exposure times will be necessary for color film).
6. Once the photograph is developed, view the Polaroid photograph to ensure the impression has been captured adequately. The above sequence may be repeated with different exposure times and F-stops if necessary.

Photography with lasers and/or alternate light sources:

1. The camera should be loaded with the appropriate film to record the impressions or area (consult the owners guide for the type of film necessary).
 2. Place the orange filter (or appropriate filter needed) over the lens opening.
- Note:** The filter may have to be taped on the ends.
3. Set the camera on the appropriate F-stop and exposure time needed.
 4. Place a scale near the impressions for future reference.
 5. Align the picture in the view finder and pull the exposure trigger on the camera.
 6. The photograph will be developed in thirty (30) seconds with most black and white film (longer exposure times will be necessary for color film).
 7. Once the photograph is developed, view the Polaroid photograph to ensure the impression has been captured adequately. The above sequence may be repeated with different exposure times and F-stops if necessary.

Steps to Preserve Developed Impressions:

Negatives and photographs will need proper maintenance to provide long term preservation for

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future use (See Photographic Preservation Techniques).

Safety Concerns:

Not Applicable

Storage and Location of Chemicals and Solutions:

Film - Store in a refrigerator for long-term storage.

Camera- Always store in the camera case provided.

Shelf Life:

Film - Check the dates provided on the box of film prior to using and discard if the date has expired. Film may be stored in a refrigerator to prolong active shelf life.

Other Information:

The CU5 may be used conveniently at crime scenes or in the laboratory.