

Section L

MP-4 Camera

Subsection 3

Name of Procedure:

MP-4 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 MP-4 camera is extremely effective in recording developed impressions with a laser and/or alternate light sources.

Equipment Needed to Perform Procedures:

A - MP-4 Camera

B - Polaroid film

C - Stationary Camera Stand

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:

Standard Photography:

1. Place the item of evidence on the camera viewing area.
2. Adjust the camera to the appropriate level to record a 1:1 image (Modifications may be necessary to record variations of the images).
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 press the shoot button.

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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.
8. Follow the recommended procedures to maintain the recorded images.

Photography with lasers and/or alternate light sources:

1. Place the item of evidence on the camera viewing area.
2. Adjust the camera to the appropriate level to record a 1:1 image (Modifications may be necessary to record variations of the images).
3. Set the camera on the appropriate F-stop and exposure time needed.
4. Place a scale near the impressions for future reference.
5. Place the appropriate laser filter over the lens opening.
6. Align the picture in the view finder, adjust the laser or alternate light source into position and press the shoot button.
7. The photograph will be developed in thirty (30) seconds with most black and white film (longer exposure times will be necessary for color film).
8. 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.

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Steps to Preserve Developed Impressions:

Negatives and photographs will need proper maintenance to provide long term preservation for 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- The camera should be maintained in a permanent location for all photography.

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:

Not Applicable