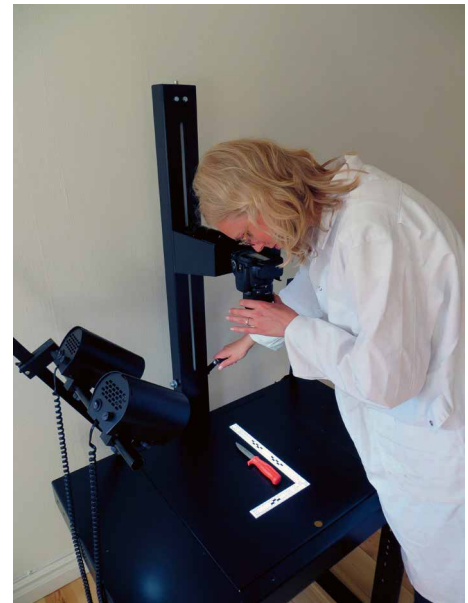


# PHOTO TABLE

for forensic photography



The photo table is developed by experts with long experience in forensic investigation and photography. The basic idea behind the development was to create a photo table for most types of photographic methods within the forensic area with a limit of equipment, space and cost. In this short paper, you will find some pictures showing some examples of the phototable in use.

**New Stronger Light System for our Photo table** – The light system for the photo table now includes four 12 volt lamps of LED type (7 x 3 W). This light type gives a spotlight effect and is suitable for photographing shoeprints. If you want a softer light for your photographing, put a diffusion filter in front of the lamp. Each lamp comes with a diffusion filter.

**New ergonomic design of the Camera Stand** – The camera  
Now you change the level of the camera faster, more easy

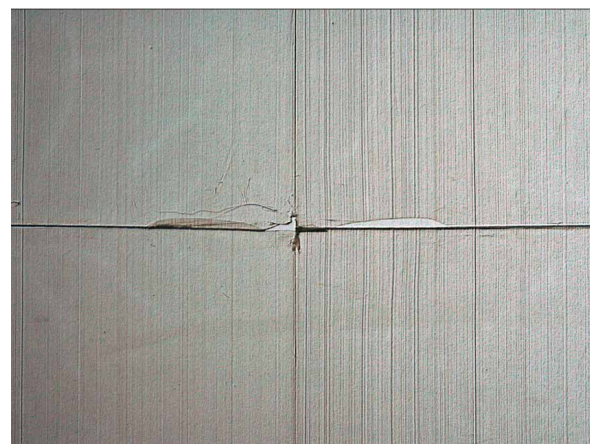
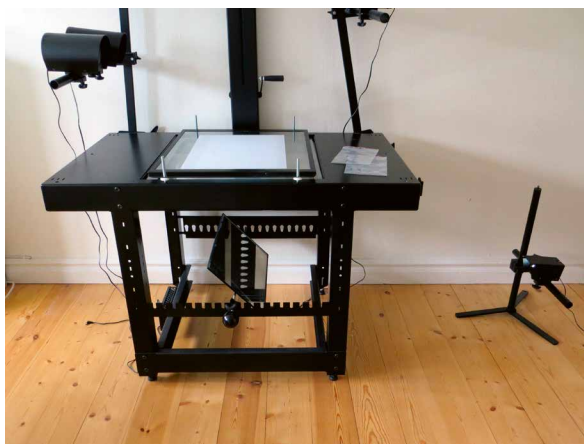
# Designed for recovering invisible extrusion lines in plastic bags

## Polarizing method



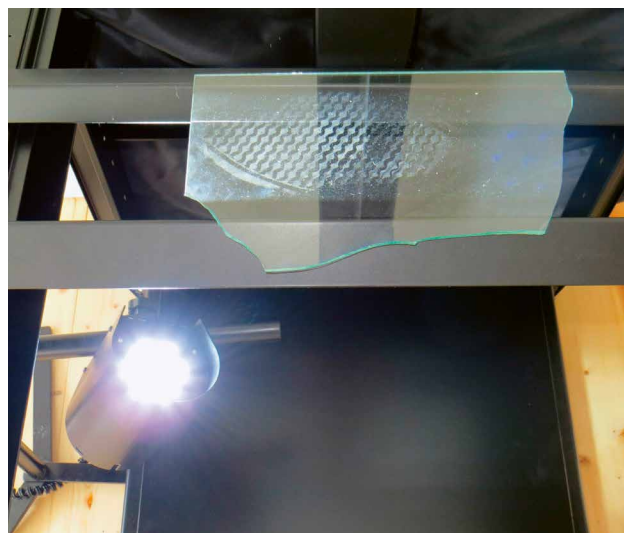
Matching extrusion lines in two plastic bags, photographed with two Polarizing filters and white under light (the bags are placed between the filters).

## Projection method

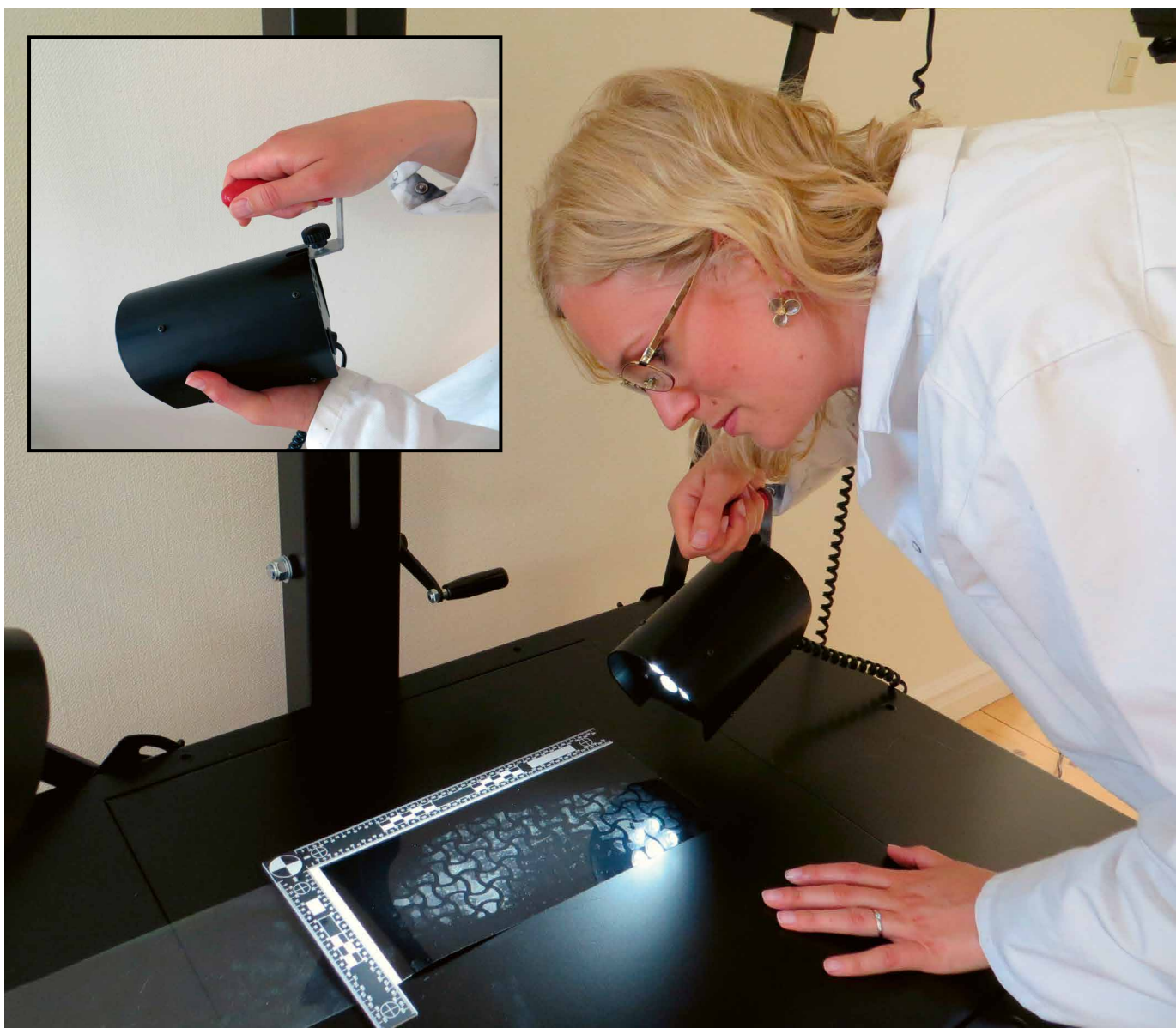


These pictures show extra accessories you need for the so-called projection method for comparison of extrusions lines in clear plastic bags. The bags are placed between two glass boards. The projection screen is placed on the top glass. Projected light from one of the lamps – now mounted on the floor stand approx. 3 meters from the table – will be reflected in the mirror. Near parallel light rays will pass the clear plastic film and show a picture of extrusion lines on the screen. The distance between the two glass boards is adjustable for getting the best sharpness of extrusion lines.

## Some examples of lighting setups



A shoe print on a piece of glass is photographed with under light. The table board is now placed on the lowest part of the table which gives suitable black background (so called dark field lighting).



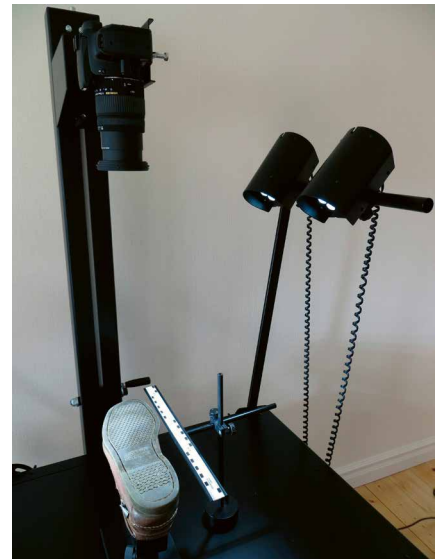
A handle mounted on the lamp for searching shoe prints.



Photographing shoe print in dust with low oblique light.



Photographing a casting of a shoe impression.



Photographing a suspected shoe.

## Versatile Camera Holder with Ball Head

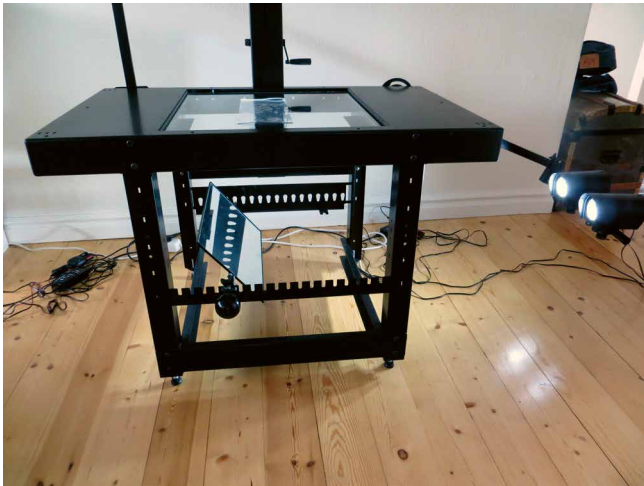


The Ball Head is mounted on the Camera holder and enables all suitable positions of your camera.

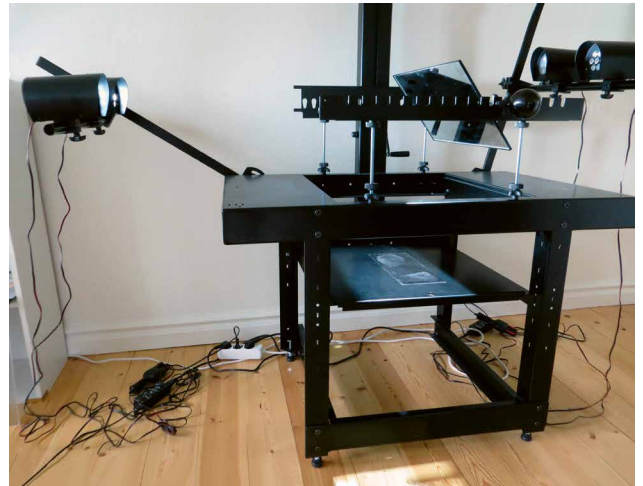


The release plate of the Ball Head is mounted on the camera, which easily locks on the Ball Head with the fixing screw.

# Mirror System for advanced lighting techniques



The Standard Mirror is now mounted for under light - for photographing a shoeprint on a glass plate.



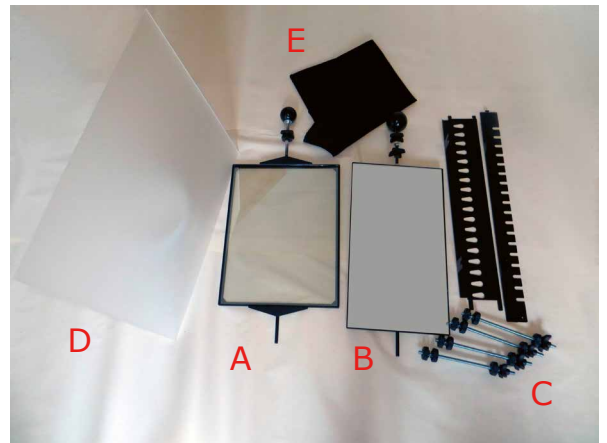
A Gelatin Lifter - with a lifted shoe print - is photographed with light from two light sources, reflected in the Standard Mirror.



Photographing a shoeprint in blood on a wrinkled paper, secured with Black MIKROSIL and silicone paper using coaxial lighting. The acrylic plastic board and the two light sources with diffusion filters give an extreme soft light. That light is reflected from the Transparent mirror, which is mounted in approximately 45 degrees between the camera and the print. The Black velvet textile on the left side is blocking unwanted reflections and gives a black background in the photo.



This is the result of an untreated fingerprint on a bathroom scale photographed with the coaxial light technique, the image on the left shows normal light exposure and the image to the right shows the same area with the coaxial lighting setup as shown above.



Transparent Mirror (A), Standard Mirror (B), Screws and Plate-parts for mounting the mirrors in different positions (C), Acrylic Plastic Board (D), Black Velvet Textile (E)

# Different filters for the Light System

## Diffusion filters

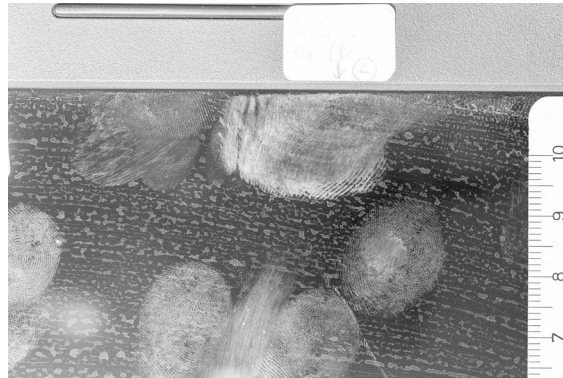


With the removable diffusion filters you can get a softer light for photographing evidence with a shiny surface like this knife.

## Polarization filter



Fingerprint on a laptop with standard light technique.



The same fingerprint with the Polarization filter attached to one of the LED light and with a standard polarization filter on the camera.

## Specification and equipment

### Size:

- 100 cm x 65 cm x 75 cm (height), total height including camera stand 180 cm
- Glass plate for dark-field lighting 50 x 50 cm
- White opal board 50 x 50 cm

### Lights:

- Four LED lamps with 21 Watt (7 x 3 Watt) in each 12 volt
- Four Diffusion filters
- One Polarization filter
- One LED lamp 3 Watt with projected light lens
- Two lamp arms for quick mounting in various positions
- Lamp stand (floor model) for longer light distance
- White opal board for white under light

### Extra:

- Two polarizing filters in sheets 30 x 40 cm
- Extra glass plate, mirror and projection screen for recovering extrusion lines in plastic bags
- Mirror System for advanced lighting techniques

