

LUBITEL UNIVERSAL 166+



TIPS & TRICKS

FILMS

In addition to 120mm films for medium format pictures, you can also use normal 35mm film to get the effect of exposed sprocket holes. It's up to you, which format you choose!



FILM TRANSPORT

120mm Film: On the back of the Lubitel+ is the red Exposure Counter Wheel with two settings: 6x6 or 4,5x6.

Pick the desired format and advance the film smoothly until you see the numbering.



On the back you will note a darkening flap. This can be turned on to “black-out” the red window avoiding light leaks.

35mm film: After successfully inserting the 35mm cartridge (please note the manual) you will see a white dot appearing in the small window next to the 35mm film counter. While transporting the film after every shot, the white dot will indicate that one frame has passed and the next picture can be taken.

Again, it’s **IMPORTANT** to use the darkening flap to protect the light-sensitive film.



FORMATS

You can choose between four different formats. Two of them you already know:

- 6x6 cm (12 square images on a medium format roll)
- 6x4,5 cm (16 rectangular images on a medium format roll)
- Endless Panorama (16 square images on a medium format roll, with almost no distance between frames)
- 35mm Panorama (with exposed sprocket holes)

IMPORTANT: the development requires specialized photo laboratories!

SETTING EXPOSURE

Daytime images

There are two easy ways to set your exposure:

A) Aperture Priority

With 100 ISO film the metal pointer of the aperture dial should be pointing at the white dot between “8” and “11”. Now, choose the light ilcon which best corresponds with the light conditions (full sun, cloudy, etc.) Just adjust the aperture setting accordingly to the ISO-number of the film.

Little hint:

200 ISO film: aperture should be set between “11” and “16”

400 ISO film: aperture should be set between “16” und “22”

B) Shutter Priority

On the rear door is an extremely handy chart to guide your exposures using a fixed shutter speed. The left side of the chart tells you the appropriate aperture setting for day time, the left one for night time.

Night time images

For best results, mount the camera on a tripod and use the cable release which is included in the package to keep your camera steady.



Here are two common settings for long time exposures and outside light conditions:

With 100 ISO film: f/4,5 and „B“
With 400 ISO film: f/4,5 and 1/15,
For a fairly bright night scene f/4,5 and „B“



For inside conditions use the following settings:

100 ISO (at f/4,5)
Typical indoor setting: 2-4 seconds
Typical outdoor setting: 4-8 seconds

400 ISO (at f/4,5)
Typical indoor setting: 1/15 to 1 second
Typical outdoor setting: 2-4 seconds



SEEK and FIND

With your Lubitel+ you look for the desired object through a focusing screen. You can hold your camera at your stomach, peer down onto the viewfinder and compose your image like an old-school pro. Open up the viewfinder cover (don't be to tentative) and sharpen your vision by using the magnifier.



Don't be surprised if you see everything reversed, you will get used to that! To focus on a special point of your image, you can use this square window. As you rotate the focus rings on either the taking lens or viewing lens, the focus will change. Your goal is to have the entire viewfinder image in focus.

SHOOT!

You can easily do multiple exposures by shooting on the same frame. After you shoot a picture, don't advance the film and take 2-3 images on the same frame.

It's best not to do this on a really sunny day, as your shot will be very overexposed and blown out.

Practice makes perfect!



You can also create partial, overlapping by advancing less than one full frame after you shoot a picture. You will get surprisingly effects! This can also be combined with multiple exposure.

