CLEANING THE MIRROR
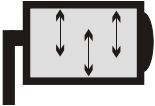
Always keep the mirror on the arm clean !
Dust, dirt or fingerprints affect the picture quality very much!

For cleaning the mirror on the arm, wipe it **gently** with a **soft** and lint-free tissue.
Normal dry cleaning should be sufficient. If not, use a special optical cleaner only!

**(DO NOT USE ORDINARY GLASS CLEANER OR ALCOHOL
- THE RESULT WOULD BE A SLIGHTLY BLUE MIRROR SURFACE) !**
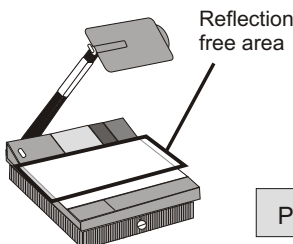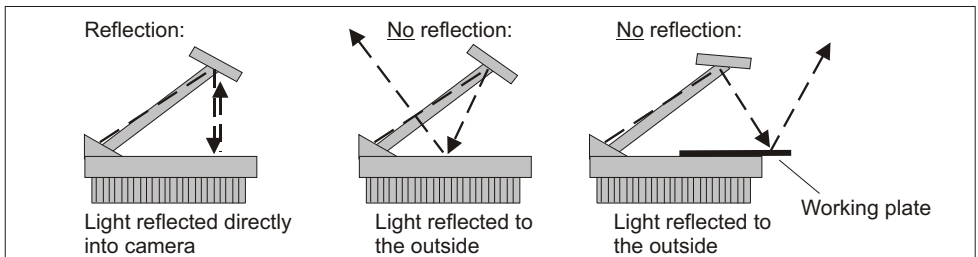

CAUTION: Sensitive front coated mirror!
Move tissue in vertical direction only! Avoid high pressure !

The glass covering the mirror inside the unit should also be kept clean.

REFLECTIONS / GLARE

Reflections can appear only in the bottom half of the working surface, where the light is reflected directly into the camera. In this case, move the object upwards and tilt the reflector head slightly.

If this is not possbile (e.g. with very big objects), pull the working plate to the front of the unit (as shown below) and tilt the reflector head accordingly.

Reflection:

No reflection:

No reflection:

Working plate

Light reflected directly into camera

Light reflected to the outside

Light reflected to the outside

Reflection free area

88 % of the working plate (the upper part) are a reflection free area, as the light is reflected to the outside and not into the camera. In this area reflections can only appear if the transparencies are very wavy or if the room light causes the reflections!

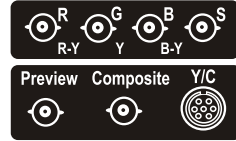Please make sure that reflections are not caused by room light !

STORING A PRESET

For storing a preset, first adjust Zoom, Focus, Iris, Light and Image as required and then press the PRESET 1 or PRESET 2 key for more than 4 seconds.

VIDEO OUTPUTS *(VZ-35b and VZ-15b)*

Please note that there are great differences in picture quality between the different types of video output standards:

VZ-35b: 1. **YUV** (very good sharpness - very good colors)
2. **Y/C** (very good sharpness - good colors)
3. **RGBS** (good sharpness - very good colors)
4. **Composite video** (lowest quality as this is the oldest standard)

VZ-15b: 1. **Y/C** (best sharpness and colors)
2. **RGBS** (second best sharpness and colors)
3. **Composite video** (lowest quality as this is the oldest standard)

WHITE BALANCE:

Each time the lighting condition changes (for example with different room light), a new auto white balance adjustment should be made, to assure optimal color reproduction.

data up white

First zoom in on a white object (paper etc.) with the same light conditions as you will use later for the actual recordings. Then press the *White*-key:
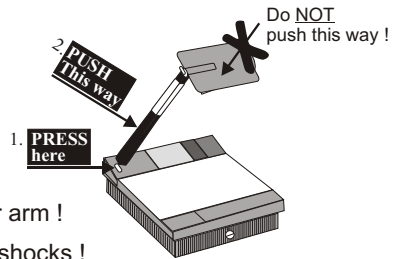
TRANSPORTATION

Do **NOT** push this way !

Folding (for transportation):

1. Press the release button for the arm
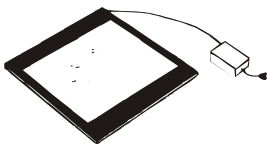2. Press down the arm

Do not carry the Visualizer holding it only by its mirror arm !

During transportation protect the unit from excessive shocks !

During transportation put a soft material (paper etc.) between the mirror and the working surface - in order to prevent damage to the mirror !

LIGHTBOXES (Bottom light)

For transparencies a lightbox is not necessary as the quality is better on the crystalline white surface of the working surface. However lightboxes are recommended for slides and x-rays.

When working with one of the optional lightboxes the light of the Visualizer has to be switched off !

WolfVision's smaller lightboxes can be directly connected to the 12 V DC output.