

The Binocular Loupe

This binocular loupe is a high quality instrument for your daily work. It was designed for a long-term and trouble-free use. All mechanical parts are milled out from solid aluminium.

Please read this short introduction carefully before using the loupe and keep it for further reference.

Adjusting the pupillary distance

- Unlike TTL (Through The Lens)- loupes this instrument can be adjusted by yourself for your pupillary distance. This is easily done and needs only one to two minutes. Therefore, the loupe can be used by different personal enabling them to adjust the instrument for their own anatomy within a very short period of time. There is no need for an optician who adjusts the loupe for yourself permanently.
- First loosen the blue screws at the holding bar of the optics. This enables you to slide the optic bodies easily in either direction, left or right. Don't forget to tighten your head band ensuring a firm seat of the frames on your nose.
- Flip down the loupe You have now the same angle as with your binocular glasses for reading distance.
- Look through the optic body with one eye and close the other one. Slide the body of the optic to the right or left until its centered in the middle of your pupil.
- Repeat this procedure with the other eye.
- Open both eyes and make sure that you have a completely round field of view. You may have to fine-tune the position of the optic bodies.
- Should the bodies be too high or too low for a comfortable vision you can correct the position at the vertical joint connecting the loupe to the spectacle frame. You may set the screw to the upper or lower position.
- The loupe is correctly adjusted when you see a round and clear picture.
- Slightly tighten the screws holding the optic bodies on the holder.

Daily use

- Always tighten the head band to give you a firm and comfortable seat of the spectacles
- You can also adjust the „downlooking angle“ as per your individual preferences by „flipping“ the loupe up. The loupe stays in any adjusted position.

2 -

Cleaning and disinfection

- The complete binocular loupe can be cleaned with a moist/wet cloth. Use water or a mild detergent which is suitable for plastics and optical glasses.
- The lens itself should be cleaned with a microfibre cloth.
- Disinfection can be done by wiping with disinfection detergents suitable for plastic/aluminium material.
- Do not submerge the loupe in liquids. It is not water-tight.
- Autoclaving and steam-sterilisation is not possible

Additional parts – Spare parts

- For use in a sterile environment a sterilisable handle can be supplied to fit your „flip-up“ loupe
- Any part of the loupe is available as spare part.

Safety instructions

- Do not look into strong light sources to prevent any damage to your eyesight
- Only use this loupe in a professional manner for magnifying your vision.

Optical adaptor

- With the enclosed optical adaptor you can attach corrective lenses directly into the spectacle frame. Contact your optician to insert the correct lenses.
- Simply clip in the optical adaptor to the center of the frame.
- Be careful when removing the adaptor, It has a very strong hold in the frame. Use a thin object (back of a knife/scissor blade) to carefully „clip-off“ the adaptor, We do not recommend to change the adaptor more often than absolutely necessary.

The LED Light

The LED Light is a high-quality illumination for your daily work. It was designed for long-term and trouble-free use.

Please read this short introduction carefully before using the LED Light and keep it for further reference.

Adjusting of the LED Light

- The light is firmly fixed to the loupe to ensure that light and image are centered. The position of the light cannot be changed.

Daily use

- The light is activated by the push-button on the upper part of the aluminium holder. With this button you switch on/off and change the intensity of the light in 5 steps. With each step the light intensity is cut by half (the LED Light starts with maximum intensity).
- Put the battery case in your pocket or fix it with the clip to your belt.
- Avoid pulling strongly on the cable. Do not bend the cable sharply.
- Depending on the power output the duration is between minimum 8 hours (max. intensity) and 100+ hours (min. intensity). In normal use a full charge will last through an ordinary working day at maximum power output.

Changing of the battery

- Your battery is known as „Power Bank“. It`s capacity is 5.600mAh. Please note that not all „Power Banks“ will fit into the holder. We can supply you the correct battery at short notice.
- Simply slip the battery into the USB-plug. Ensure its completely connected.
- Tighten the yellow Velcro-band and seal it.

Cleaning – Desinfection

- The complete LED Light can be cleaned with a moist/wet cloth. Use water or a mild detergent suitable for plastic/aluminium materials.
- Desinfection can be done by wiping with desinfection detergents suitable for plastic/aluminium materials.
- Do not submerge the LED Light in liquids. It is not water-tight.
- Autoclaving and steam-sterilizing is not possible.

Spare Parts

- Any part of the LED Light is available as spare part. The „Power Bank“ is also available on short notice.

Safety instructions

- Do not look directly into the LED Light. Do not point the light directly into any other person's eye. The LED Light is very strong and might damage the eyesight.
- Only use this light according to its intended purpose.
- This LED Light corresponds to Group 2 of the safety standard IEC 62471.
- This LED Light does not produce any electro-magnetic emission.