

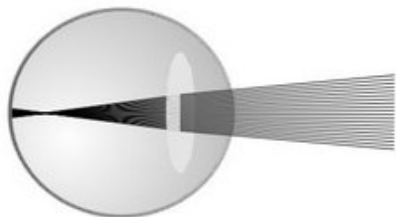
Quality and good advice are trumps when it comes to shooting glasses. The older a shooter gets, the more precarious the situation. The eyesight declines, the eyes get tired more quickly. A clear sight-picture becomes ever harder to obtain. Scores, and the pleasure of participation in sport, suffer.

About 50 % of shooters use glasses. Anyone buying for the first time needs to make careful choices. We recommend using opticians who have specialised in the shooting sports. The ideal place to adjust the glasses and the correcting lens is on the shooting range, because looking through a sight is somewhat different to reading the paper or driving a car.

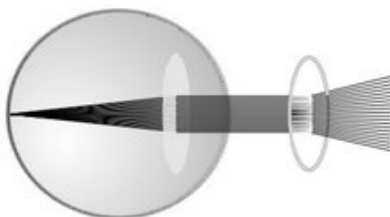
There are many factors to be considered when making a choice of shooting glasses. Do you only shoot in one position, or are you a three-positions shooter - or even one who shoots rifle and pistol in all disciplines? The considerations when choosing and positioning the lens are no less important. You can find all that you need to know on these topics in our books on rifle and pistol shooting. Here are the most important points:



- Choose a high-quality frame that can be easily, accurately and repetitively re-adjusted.
- The lighter the frame, the more comfortable it will be when you are in position.
- The lens itself needs to be positioned as close to the eye as possible, in order that the intended correction actually takes place.
- In position, the line of sight must intersect the lens at 90 degrees and pass through the centre of the glass, as the lens only transmits the desired amount of light in its optical centre.
- Three-positions shooters, or those who participate in many disciplines, need to look for a lens-holder that is easy to change. This allows you to 'save' the set-up for each discipline and change over at a moment's notice.



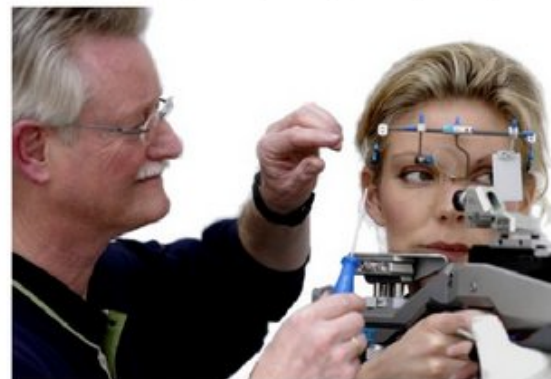
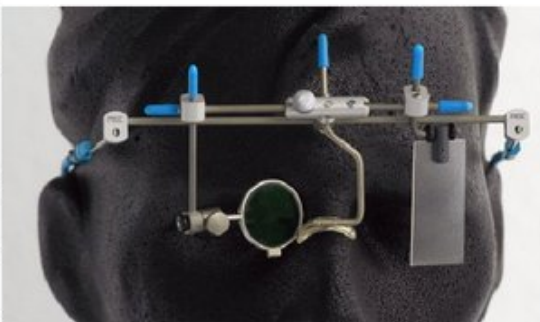
When the natural lens doesn't focus light rays exactly on the retina, the result is a fuzzy image. Usually, the cause is a mis-shaped eyeball, which is either too long or too short.



The lens in the shooting glasses corrects the existing error. Now you can see clearly. Eye strain is avoided, the sight-picture can be more readily assessed. Aiming errors and fatigue are reduced.

The MEC glass-system has been on the market for just 6 years, and has grown in this period at an astounding rate. We put this down to its quality and adjustability. MEC offers a choice of three conventional frames together with a headband-system. On top of which, there is a significant range of useful accessories (see next page) which fulfil almost every individual wish.

Our **ultralight** models are unique and futuristic. They consist largely of feather-light, highly flexible and skin-friendly beta-titanium. Without lens, they weigh only about 20 grammes, making them significantly lighter than the rest of the market.



Shooting glasses are a challenge for the designers. They have to meet various requirements within a very limited space. The finished product needs to be light, must sit securely and comfortably, and be easy to adjust when the need arises.

Skin sensitivity, filter colours and of course design are all additional factors which the discerning shooter values highly.

Udo Daniel is our 'glasses man', fitting frames to individuals and organising the perfect corrections for eyesight problems. He has developed the **glass system** and works tirelessly on the details. In so doing, he has profited from his daily contact with shooters from all disciplines and performance levels. Beginners, world champions and average performers all have their places on his appointment calendar. Whether rifle, pistol, archery, airgun, black powder or 300 metres: Udo Daniel looks for the best individual solutions. The best ideas appear as soon as possible in the production models...

MEC glas
system



The line of sight should pass through the middle of the shooting lens, which should be positioned at right-angles to the eye. The glass can only perform as it is intended to, when the eye is looking directly through the centre of an upright lens.

The stronger the lens, the more important it is to position it with precision. Shooters and coaches need to check it before every shoot.

Equipping your shooting glasses frame with a lens, nose-piece and blinders is a chapter of its own. The main thing is to get the lens properly set-up for your shooting position, and not to adjust your head to suit the glasses. When your head is comfortably positioned with your eyes closed, and you then open your eyes, the line of vision should pass exactly through the centre of the lens...