The Visopter

The Visopter is a stereoscope, which can be used both as a screening instrument for testing several vision functions, and as an instrument for visualtraining. It comes with a plate for use on a table. A separate wall mount is available for vision screening and training while standing or sitting in a wheel chair (order no. 81334). The small plate holds vision screening and training cards (8,27 inches = 21.0 cm wide).

The visopter is made of the following components:

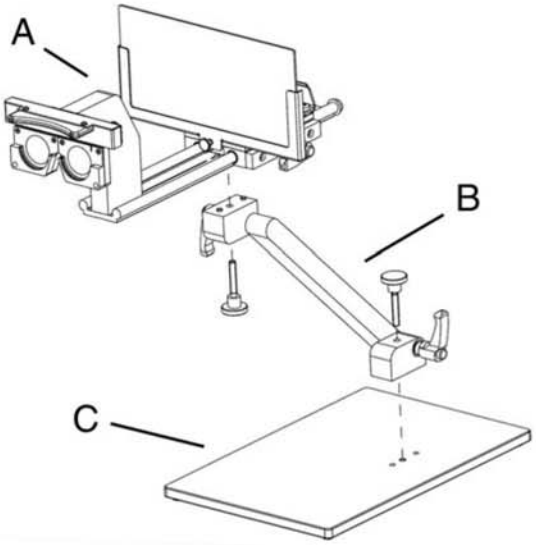
- lenses in 5dpt for far vision testing, with adjustable PD!
- scale, with 1/4 dpt steps calibrated (far vision adjustment = 0, near vision = 10).
- metal plate for cards (with automated clip to hold cards!).
- heavy metal plate for use on a table
- metal arm with two screws for adjustment of height and angle
- support for additional lenses or occluders on ocular

The Visopter can be used on a table or at the wall (only with available wall mount).

The Visopter is used for:
- Vision screening of adults
- Vision screening of preschoolers
- Orthoptic training base in, base out
- cheiroscopic training

Setup and Testing environment:
The Visopter is to be setup as shown on the pictures. It has a "freesight" concept, in order to avoid convergence and errors in accomodation. Vision screening and training should be carried out in a bright room with enough light. The testing person should sit in a comfortable and upright position and look through the glasses onto the test cards. If you wear glasses, don't take them off! It is suggested to keep the lightness of the environment rather low and to give the impression of depth by hanging up picture on the wall. It is possible to mount glasses in front of the ocular, if used for visual training.

Setting up the Visopter
Components:
A) main part with ocular, separational piece, cheiroscopic plate on a carriage
B) arm with 2 screws
C) heavy metal plate for use on a table
D) if ordered: wall mount with screws for mounting on a wall

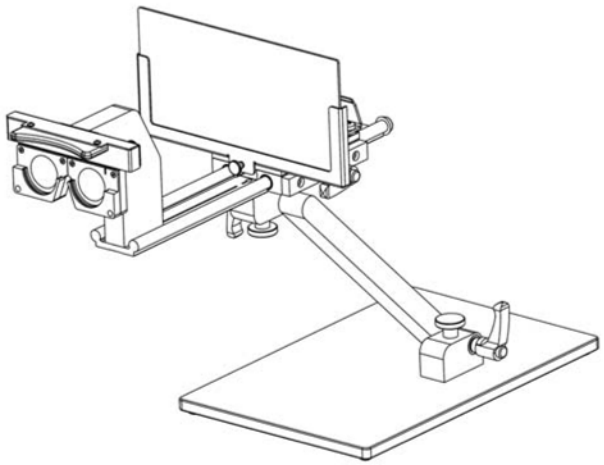


Setting up the Visopters on the heavy metal plate:
The base plate holds the Visopter, to allow the observer to use both hands, in order to do drwawings like the Van Orden star.
First, set up the base plate on a table, then use one of the screws to mount the arm to the plate. Now use the other screw to mount the main part on the top end of the arm.
You can use the levers to fasten the Visopter in any position. Just loosen the levers counterclockwise and hold the metal arm to adjust height and angle manually.

Setting up the Visopter on the wall mount:
The wall mount comes with fitted screws and can be set up at any height. Please check the material of the wall for suitability! The wall has to hold both the wall mount and the Visopter (appr. 9-11 lbs.)! Once the wall mount is set up, fix the carriage with its‘ screw. Now take the Visopter from the base plate and mount it on the carriage of the wall mount fixing it again with the loose screw. By loosening

and fixing the lever on the carriage, the Visopter can be brought into the correct height.

Cheiroscopic plate:
To adjust the cheiroscopic plate for drawings or far testings, bring the bottom end of the carriage in position „0“. The small screw on the front of the plate allows distance adjustment of the clip that holds the cards. Loosen it for a larger distance. The clip on the back of the carriage can be held to loosen the frame which holds the cards. If you let go of the clip, the cards will be held automatically.



Precautions and declaration of origin:
The Visopter is a medical product and only to be used for vision screening and visual training as stated above. It is not to be used for other purposes. Since it's rather heavy weight of 8 pounds, the Visopter should be set up on a stable, flat and horizontal surface, like a table. Setting up the Visopter correctly from the description in this manual will avoid any possible hazards. When setting up the wall mount, make sure that the carriage and the main part are always fastened, to avoid the Visopter from sliding down without control onto a person beneath it. Please mind the same for setting up the Visopter on the metal plate! Avoid exposing the Visopter to direct sun light for a longer period of time! Don't expose it to extreme temperture conditions either!

The Visopter is a quality product made in Germany.