

Quick Info to EyesCream-II V2.3

Released 15.6.2014

- In Dynamic Flash Ramp method (default) the white flash crosses on the screen occur randomly located and they gradually increase in size and brightness. (It doesn't need any automatic setting anymore.)
- Make sure your head and monitor position is really straight up and centered. Otherwise you will receive artificial dark areas on the top or bottom. So don't look from higher position downwards on the screen.
- **Eye Fixation Quality Control** (from V2.2) helps you to decide whether your measurement was successful or not. Values of more than 90% in both horizontal and vertical axis are usually sufficient, which is indicated by green or yellow colored boxes. In turn red boxes may give you the advice to repeat the measurement with proper position of your eye and monitor or to improve your focussing into the center of the screen during the test.
- If you will use it to follow the progress of some deficit over a longer period of time you should better keep all machine and software parameter constant. For example the "Grid y-Dimension" to be between 10 and 12 with "**Autogrid OFF**" (Menu Configuration->Acquisition->Grid Structure) and the "**Flash Cross Size Reference**" to some appropriate value of e.g. 0.001 (Menu Configuration->Data Analysis).
- You should customize the eye focus circle according to your convenience (Menu Configuration->Acquisition->Focus Ring).
- Do the test in a room with dimmed light!
- In Version 2.2 the response time map will be by default calculated based on the FLASH data subset and provides a different insight into your visual ability. The so-called Prompt Response Time may help to distinguish between a deficiency of the visual sensors in your eye and the brain. (You still have the option to show the Ramp Response in Menu Configuration->Data Analysis->

Integration->Response Map). Note, you can also choose to review older data files with this option.

For further information read Tutorial of EyesCream.

Bugs fixed in V2.2:

Randomization of delay times between flash or ramp crosses was now improved again.

Windows7 problem with focus ring and crosses which appeared flickering during measurements (timer problem solved).

Small bugs e.g. missing EyesCream version in print out etc..

Bugs fixed in V2.3:

Problem in eye fixation control with noisy data fixed.

Bug in autoscaling of the sensitivity map fixed.

Menu optimization.

mgm