

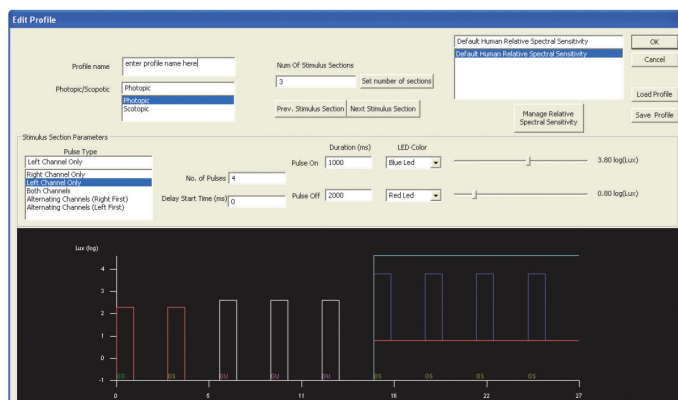
A-2000 Small Animal Pupillometer

Pupillary Evaluation -- Down to a Science™



FEATURES:

- Binocular dual-camera system measures both eyes at once
- Multi-chromatic 4 ultra-bright color light stimulus: white, green (528 nm), blue (463 nm) and red (622 nm)
- Designed for a variety of animal models (and pupil sizes)
- Video stream captured at 30Hz, 0.05mm pixel resolution
- Stimulates direct, consensual, or both eyes simultaneously
- Pupil variables: Latency, diameter at onset and peak of constriction, constriction and dilation velocity, 75% recovery time)
- Light intensities defined in Lux or pure radiometric units (W/m²); can be adjusted over 4 log-unit range by increments of 0.1 log-units
- Automatic tracking and pupil detection
- Waveform of light stimulation can be customized using a simple graphical interface or defined in a file using Microsoft Excel™
- Saves pupil profile and light stimulus data in a file (Excel™ compatible) for external/ independent analysis



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