

Photorefractor

Measuring ocular refractive state
in myopia research



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Striatech's Photorefractor was developed by Prof. Frank Schaeffel (University of Tübingen, Germany). It is used by numerous labs world-wide. The Photorefractor measures the refractive state in alert and moving small laboratory animals within seconds.

► Advantages

- For various smaller animals (e.g. guinea pig, mice)
- Fast and automated analysis of refractive state
- Animals are alert during procedure
- Use of infrared light, animal is not blinded

► Equipment

- Height adjustable platform
- Suitcase for convenient storage and transport
- Data transfer and power supply via USB cable
- All necessary equipment included

► Technical Specs

- 96 Hz data acquisition via USB-3
- Linearly light sensitive sensor for precise data
- Data is continuously recorded



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