

 PUPILLOMETRY

NeuroLight[®]

Portable Pupillometer



PUPIL SIZE AND REACTIVITY ASSESSMENT

- Routine clinical examination with reliable technology
- Accurate objective measurements
- Confidence in the results from a simple action

idmed
an eye on your patient

NeuroLight®

Portable Pupilometer



The NeuroLight, a portable device, provides a measure of absolute pupil size and photomotor reflexes of patients.

Clinicians have access to repeated and precise measurements to establish a fast and objective assessment. The calibrated flash of light produces a controlled non-aggressive stimulation of the retina. The pupil size and reactivity are daily measurements and part of the protocol for care of the critically injured or ill patient. They are essential in the clinical monitoring and neurological assessment of the patient.

The NeuroLight charts the measurements taken for trend and variation analysis of the pupil size and reactivity.

The NeuroLight integrates an optical system which does not require calibration before use.

Its reusable and autoclavable eyecups save ongoing costs. The design and the selected materials of the NeuroLight provide ergonomic and absolute comfort for the patient while suppressing the influence of ambient light on the measurements results.

Ergonomics

- Absolute measurements without calibration
- Wireless charging station
- Barcode scanning for patient identification
- Reusable eyecup

Clinical

- Pupillary size measurement
- Photomotor reflex measurement
- Trending
- Suggestive results interpretation

Performance

- Real time measurement
- 320 Lux flash of light
- 0,1 mm precision
- Data transfer
- Opaque eyecup to impede ambient light

Safety

- EN60601-1 (Medical Electrical Equipment)
- IEC 62471 (Infrared light)
- CE 2a class marking (CE 0459)
- Latex Free