HEINE LAMBDA 100® Retinometer
Unique design.
The first compact instrument for assessing potential visual acuity of patients with cataracts and other opacities.

LAMBDA100 - clinically tested with excellent results.

- Simple, easy-to-use controls.
  Reliable diagnosis, easy to operate.
- The instrument fits onto battery- or rechargeable handles.
  Complete mobility - no dependence on the slit lamp.

- Compact, lightweight (100g).
  Can be used anywhere - even bedside.
- HEINE XHL® Xenon Halogen Technology and brightness control.
  Avoids patient discomfort from dazzle.
- Includes explanatory card for patient instruction.

Three simple steps to potential acuity assessment with LAMBDA 100.

[01] Switch on instrument, select acuity, select grating angle, reduce ambient lighting.
[02] Rest Retinometer against the patient's forehead. Scan the pupil with the red light spot to find a "window" through which the patient can recognize the grating pattern and identify its angle.
[03] Select progressively finer grating patterns with different angles until the patient can no longer recognize the angle. The value of the last recognizable angle indicates potential acuity.

Examples of various acuity grating patterns (visual angle 1°)

- 0°
  Visus = 0.5 (20/40)
- 45°
  Visus = 0.32 (20/64)
- 90°
  Visus = 0.06 (20/300)

Order No [Head Only]: 3.5V [C-02.35.015]

* with acuity scale 20/100 to 20/25 (scale 2)
** with acuity scale 0.06 to 0.8 (decimal scale 1)