

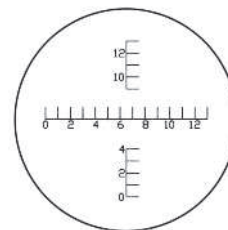
COLVARD PUPILLOMETER

Accurately measure scotopic pupil size and corneal diameter of cataract and refractive candidates prior to surgery.

Utilizes light amplification technology to allow visualization of the patient's pupils in a darkened exam room.

RETICLE

Provides Measurement of Vertical and Horizontal Corneal Diameter



REF #	DESCRIPTION
0401	Colvard Pupillometer Light weight, hand held, battery operated instrument. Includes storage case, lithium battery and instruction manual.

SUGGESTED OPERATION OF THE COLVARD PUPILLOMETER

As pupil size continues to play a significant role in the outcomes of refractive surgery, the preoperative use of the Pupillometer continues to be the standard of care for obtaining accurate measurement. In an effort to standardize methods of measurement, the following checklist should be followed for the greatest level of accuracy and consistency.

- Obtain screening light level of approximately 4 cd/m². It should be noted that the light level might need to be made darker depending on the lifestyle of the patient.
- Measure the light level in the room with a light meter. Wait at least 30 seconds until taking the measurement for full dilation of the pupil.
- Once the Pupillometer is placed over the eye, instruct the patient to focus on an object at the end of the room with the fellow eye.
- Focus the reticle and take the measurement.
- Document measurement in patient records.
- Repeat process on second eye.

NOTE: These suggestions may need to be modified based on the individual circumstances of an individual case.