

Reichert® OptoChek™ Plus

Quick Reference Guide (Model 15170)

The OptoChek Plus is highly accurate and repeatable. This can easily be demonstrated using the test eye that comes with the device. The patient and operator of the OptoChek play a large role in the accuracy and repeatability of readings during use. In addition, the OptoChek requires manual alignment to the patient's eye via joystick therefore some degree of operator technique may impact results.

Follow the steps below to achieve best measurement results of the OptoChek.

1. The operator should put the patient at ease and relax them to **prevent excessive head/eye movements**. Movement can cause the patient to look somewhere other than the balloon target.
2. The operator should align the patient with their forehead touching the headrest and chin resting in the chinrest. The **patient should look straight into the device without tilting their head up or down**, especially in the case of deep set eyes (the eyelid could obstruct the mire ring projection).
3. The operator **may need to instruct the patient to open their eyes more** or assist the patient so the mire ring projection is not obstructed for Keratometry measurements. If a patient has droopy eyelids (common in older patients) this can occur. The **circular mire ring projection off the cornea must be continuous when viewed on the LCD screen**.



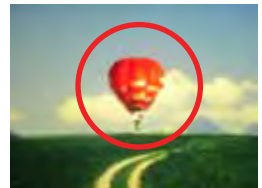
Balloon Target



Not OK

Note: It is not a problem if eyelashes slightly obstruct the mire ring.

4. **The operator should ask the patient to stay focused on the balloon only** and not on other parts of the picture. Looking elsewhere will affect S and C measurements.
5. The Auto and Auto Quick measurement modes are auto measurement modes, not auto positioning modes. Measurement will be initiated as soon as the 4x box corners turn green. In auto or auto quick modes, **avoid rapid movements in X, Y and Z directions when nearing the measurement position**.
6. In auto or auto quick modes, avoid approaching the measurement position (4x green box corners) quickly from any direction because this may cause the operator to move beyond the best measurement position once the measurement process has initiated.
7. **After measurement initiates, it is best to keep your hand on the joystick and maintain alignment.**
8. For younger patients (with high accommodation), Auto mode is recommended as it fogs the patient before each measurement vs. Auto Quick mode which fogs once, and takes three quick readings.



Focus HERE



4X Green Box Corners



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15170-104 Rev. B