

# How can I correct inconsistent readings on my VISULENS 500?

ZEISS Quick Help: VISULENS® 500

To avoid inconsistent readings, ensure that your instrument is in a suitable operational environment.

## Lighting

Place the instrument in a suitable environment with dim room lighting. Avoid direct sunlight or bright artificial lights in the room where the device is placed, especially directly above the measurement sensor.

## Temperature

Maintain a consistent room temperature. In cold areas, a sudden rise in room temperature will cause condensation on the protective glass in the measurement window and on optical parts inside the instrument.

## Measurement Sensor

Wipe down the measurement sensor before each use to ensure it is not polluted with dust. To clean the measurement sensor, remove the lens support and clean the surface of the sensor beneath the lens support with a dry, soft (lint-free) cloth, only. Do not use any liquids.

## Lens Fixation

Ensure that the lens is sitting flat during the measurement process. Fixate the lens with the lens holder so that it lies horizontally on the lens support. Avoid tilting the lens during the measurement.

**Tip:** You can incrementally adjust the display values of your VISULENS 500. Below are the recommended settings for smallest measurement increments that can be registered on the device screen.

Change the setting in the Home Screen menu by following the steps below:

- Set **Step Sph/Cyl to 0.01D**
- Set **Step Prism to 0.01 Δ**

Refer to the VISULENS 500 user manual *Instructions for Use* for safe and effective operation of the instrument.



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