

IOLMaster software version 5: Improved handling through Advanced Technology signal processing

Non-contact measurements have never been performed more efficiently than with the new IOLMaster from Carl Zeiss Meditec. In a league of its own, the IOLMaster is the only system in the world to enable accurate contact-free measurements of all relevant data for IOL power calculation. The new IOLMaster uses advanced signal processing technology to make measurements even faster and easier in a number of ways:

- Improved signal processing in the axial length mode – also for difficult measurement conditions.
- Extended patient spectrum
- Display of optimal measurement in keratometry mode
- Additional information to support the interpretation of the measurement results



Cost effective optical biometry

The IOLMaster offers you excellent precision, patient safety and workflow support, thus providing you with the potential for improved ROI through even greater practice management efficiency. Thanks to its enhanced automatic evaluation capabilities, even with difficult-to-measure eyes, the patient spectrum can be considerably extended. Improved handling simplifies delegation measurements to trained staff members.

Precise results in axial length mode

Through its improved signal processing in axial length mode, the IOLMaster greatly simplifies axial length measurements. The IOLMaster automatically calculates highly precise axial length values, even with clouded ocular media.

Optimized keratometry measurements

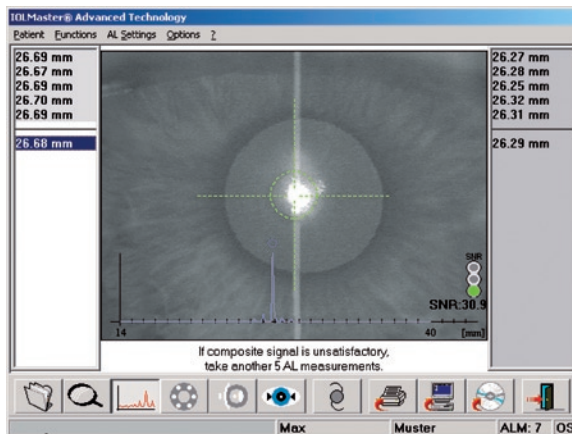
In keratometry mode, an easy-to-understand traffic light indicator helps to prevent faulty measurements. A green light signals correct measurements adjustment and optimal focus.

Simplified interpretation of measurement results

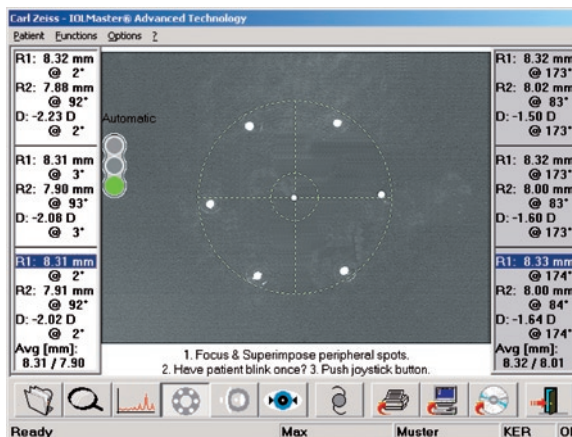
In both measurement modes and during IOL power calculation, the software displays additional information to facilitate interpretation of the data. The axial lengths and corneal radii of both eyes are checked for plausibility.

Easy lens selection

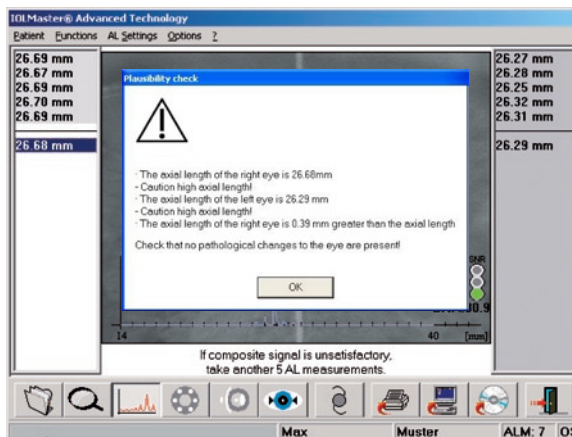
Based on the measurement results, the IOLMaster automatically calculates the IOL power using internationally recognized biometry formulas. A clearly organized database allows straightforward lens selection.



Axial length with composite signal



Keratometer with "traffic light" indicator



Axial length measurement (with prompts)

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