

Press release

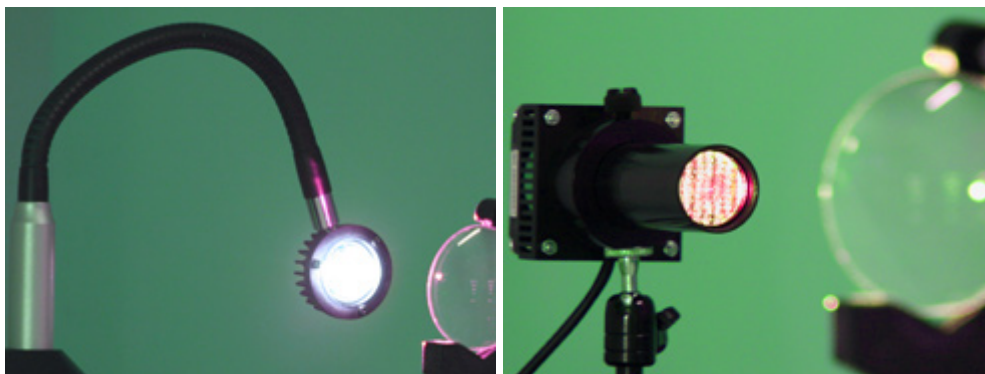
Quality Assurance for Eyeglass Lenses: New Inspection Lamps for Optical Lens Control

Wessling, 06 August 2009 In addition to renowned systems for laser engraving and inkjet printing, Laser 2000 GmbH also provides special LED lamps for visual optical lens quality control.

Referring to consistently quality standard (EN ISO 14889) for the manufacture of uncut finished lens manufacture various testing are conducted to reduce the overall risk for the wearer of glasses to a level consistent with the current state of the art.

In addition to purely optical features, flame resistance and mechanical stability, the level of transmission and day/night behaviour of the lenses are certified.

A special focus is placed on cosmetic inspection, conducted manually before, concerning unreliable inspection equipment.



ELS lamp and EPI projector

New LED inspection lamps for higher quality

Using optimised light sources, enable quality assurance not only comply with generally applicable standard, also meet the requirement of you ambitious customer.

The **ELS lamp** uses a very strong LED light with a 20°-reflected beam angle. This allows quick identifications of irregularities in coating and material.

For closer inspection we also offer the **EPI projector**. The collimated light and near-white light spectrum show even smallest lens faults.

Any possible lens defects can easily be made visible with these new special lamps. Your high qualified personnel will be able to work more efficiently.

About Laser 2000:

Since 1986 Laser 2000 GmbH is a supplier of high technology in the field of lasers, micromachining equipment, optics, and fiber optic equipment. Our products are designed to meet the challenges of both research and industrial production as well as your actual or future requirements of your applications.

www.laser2000ophthalmic.com and www.laser2000.de

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