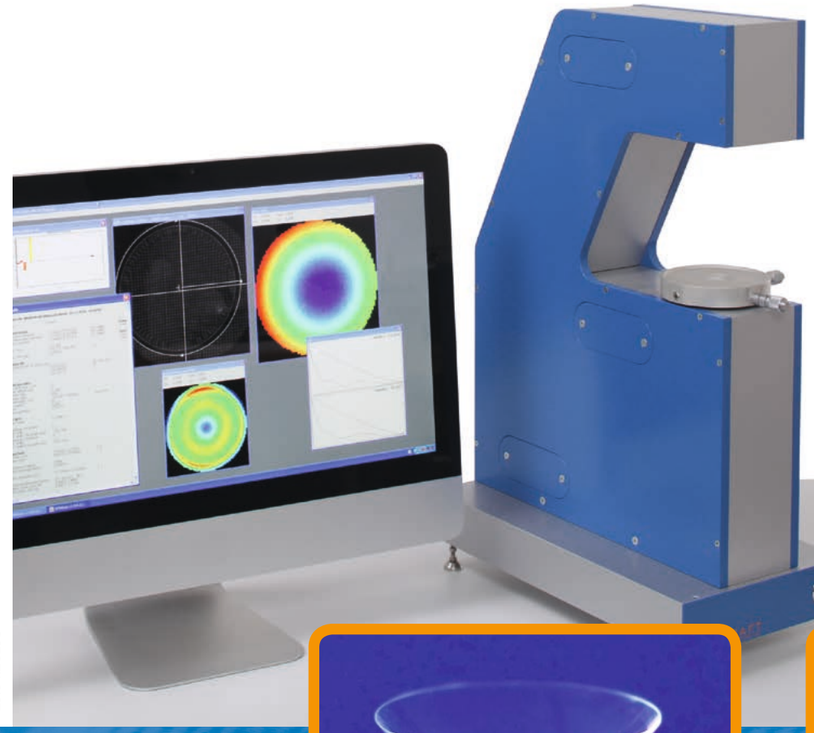
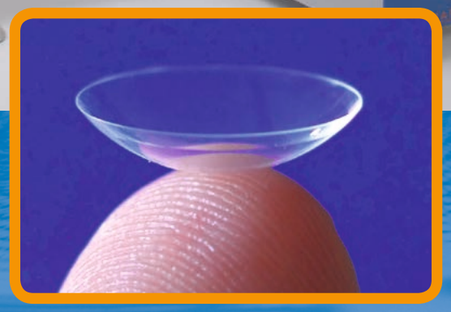
OPTOCRAFT
OPTICAL METROLOGY

Systems and options (see product datasheet for detailled information)	
SHS**Ophthalmic base**	Table top version with HR or UHR resolution
SHS**Ophthalmic matrix**	Stand-alone workstation with full automation
SHS**Works** autoIOL, autoCL	Detection of dimension of lens under test, position, alignment, marks
SHS**Ophthalmic** autoXY	Motorized alignment interface for cuvettes (SHS**Works** autoIOL/autoCL required)
SHS**Ophthalmic** darkILLU	Bright- and darkfield illumination head
Verification lens set	Lenses (NIST traceable as option), stops, tweezer, cloth
Cuvette	Plano standard cuvette, multi lens cuvette
VCCam	Inspection camera with up to 4 Megapixel available
Barcode reader	Handheld barcode reader for input of serial numbers etc.

SHS**Ophthalmic base**

Universal test system for contacts and IOLs





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OPTOCRAFT GmbH

Am Weichselgarten 7
D-91058 Erlangen, Germany

Tel +49 9131 69 15 00
Fax +49 9131 69 15 11

www.optocraft.com
sales@optocraft.com

Know your quality – Optical metrology made by OPTOCRAFT

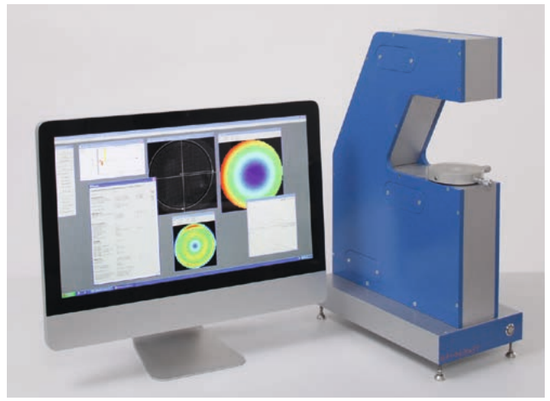
SHS**Ophthalmic base**
Universal test system for ophthalmic lenses

SHS**Ophthalmic base**

The SHS**Ophthalmic base** addresses the needs of quality control in the ophthalmic market:

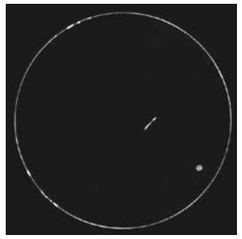
- High speed and accuracy
- Ease of use
- Low inter-operator variability

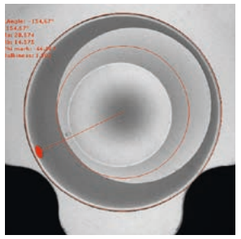
SHS**Ophthalmic base** is available as a table top system and a stand alone workstation. Its software and hardware have been designed to fit perfectly together.
The customer can choose from several options to fit the system seemlessly to the processes and environment in R&D and production.



Advanced defect recognition

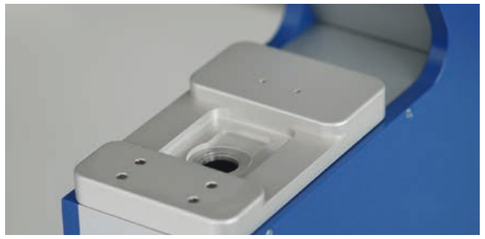
SHS**Ophthalmic** darkILLU (optional)
- Dual illumination head: bright and dark field mode
- Visualization of defects and markings





Automated alignment

SHS**Ophthalmic** autoXY (optional)
- Fully integrated motorized xy-stage for the SHS**Ophthalmic** table top system
- Alignment of the sample
- Offers further improved ease of use and reliability



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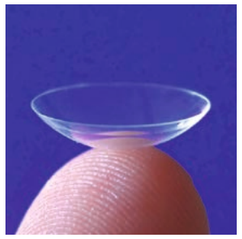
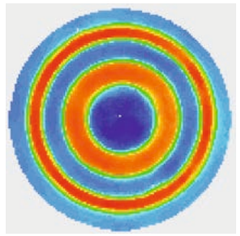
Contact lens measurement

Measurement of:
- Soft lenses
- RGP lenses

Measured data:
- Power (SPH, CYL, AXIS, PRISM)
- Imaging quality
- Power map

SHS**Works** autoCL (optional)
Automated evaluation for contact lenses
- Diameter (max., min., mean)
- Position, alignment
- Tick marks (dot, stripe, crow feet, etc.)



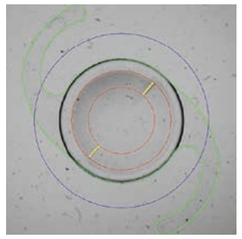


Intra-ocular lens measurement

Measurement of:
- Spheric, toric and aspheric lenses

Measured data:
- Power (SPH, CYL, AXIS)
- MTF
- Asphericity

SHS**Works** autoIOL (optional)
Automated evaluation for IOL
- Matching of haptic design files (*.dxf files)
- Diameter of haptic and optics zone
- Position, alignment
- Orientation marks



SHS**Ophthalmic matrix**

This automated system offers:
- Single touch operation
- Automation with multiple-lens cuvette
- High speed (down to 2 sec / lens)
- Customizable workflow schemes