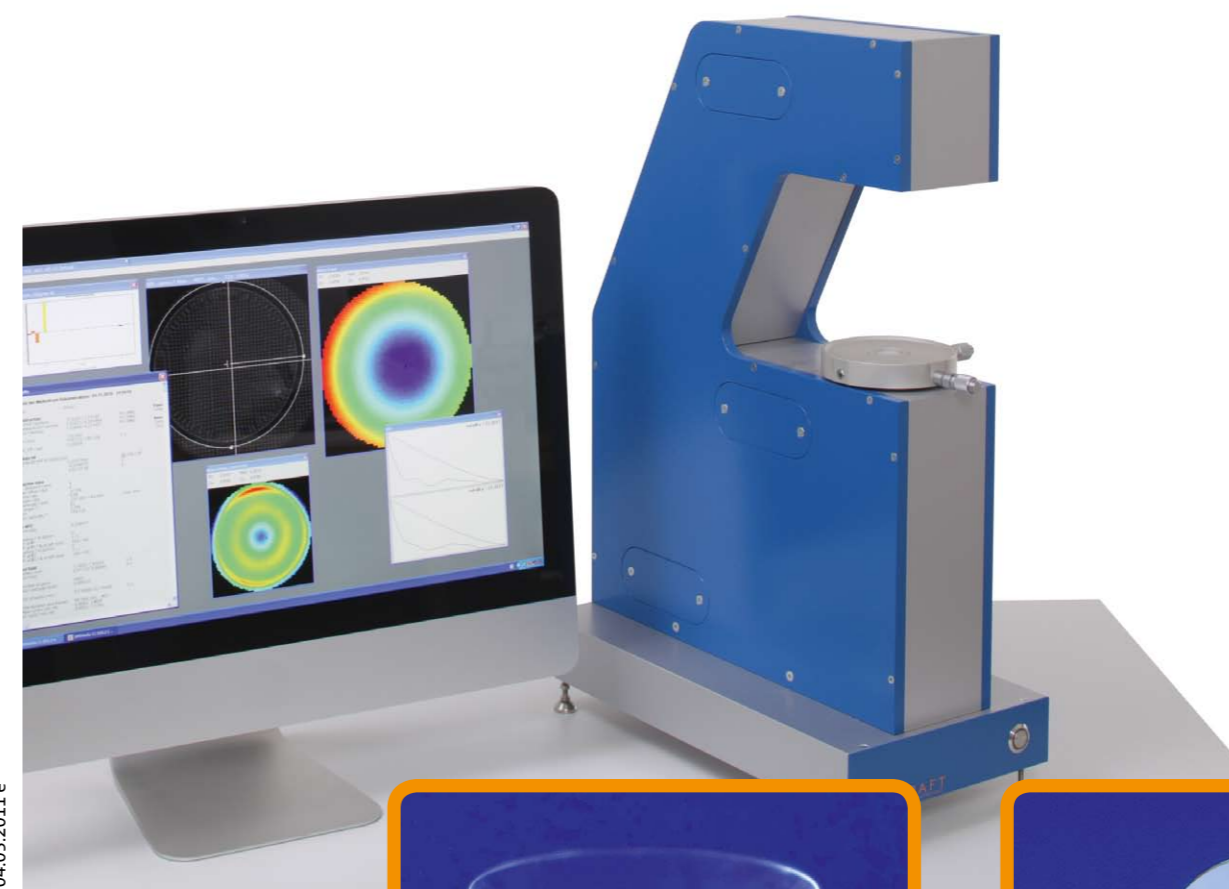


Systems and options (see product datasheet for detailed information)

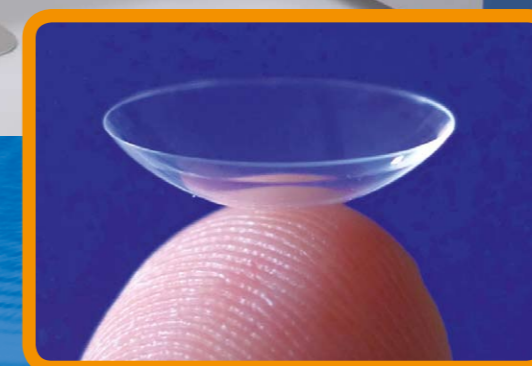
SHSOphthalmic	Table top version with HR or UHR resolution
SHSOphthalmic matrix	Stand-alone workstation with full automation
SHSWorks autoIOL, autoCL	Detection of dimension of lens under test, position, alignment, marks
SHSOphthalmic autoXY	Motorized alignment interface for cuvettes (SHSWorks autoIOL/autoCL required)
SHSOphthalmic darkILLU	Bright- and darkfield illumination head
Calibration lens set	Lenses (NIST traceable as option), stops, tweezers, 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.

SHSOphthalmic

Universal test system for contacts and IOLs



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SHSOphthalmic

Universal test system for ophthalmic lenses

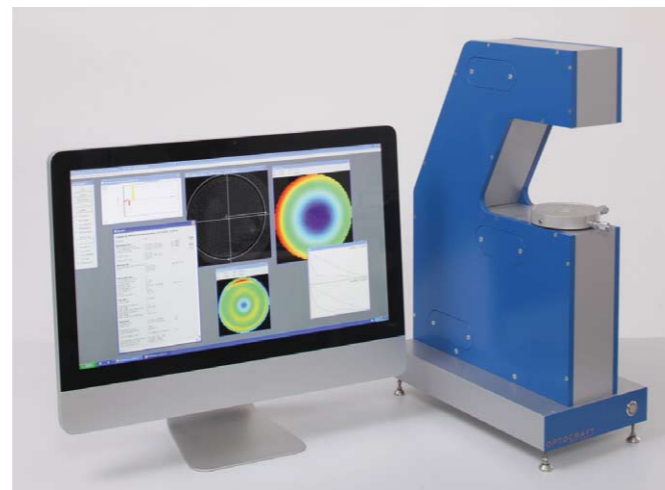
SHSOphthalmic

The SHSOphthalmic products address the needs of quality control in the ophthalmic market:

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

SHSOphthalmic is available as a table top system and a stand alone workstation. Its software and hardware have been designed to fit perfectly together.

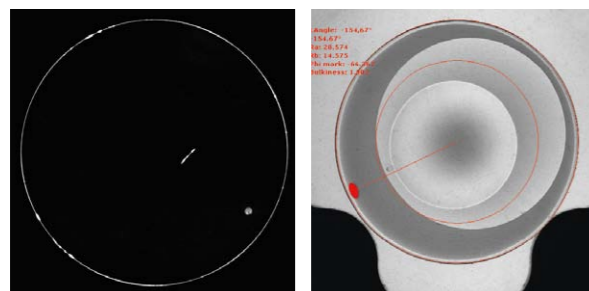
The customer can choose from several options to fit the system seamlessly to the processes and environment in R&D and production.



Advanced defect recognition

SHSOphthalmic darkILLU (optional)

- Dual illumination head: bright and dark field mode
- Visualization of defects and markings



Automated alignment

SHSOphthalmic autoXY (optional)

- Fully integrated motorized xy-stage for the SHSOphthalmic table top system
- Alignment of the sample
- Offers further improved ease of use and reliability



Contact lens measurement

Measurement of:

- Soft lenses
- RGP lenses

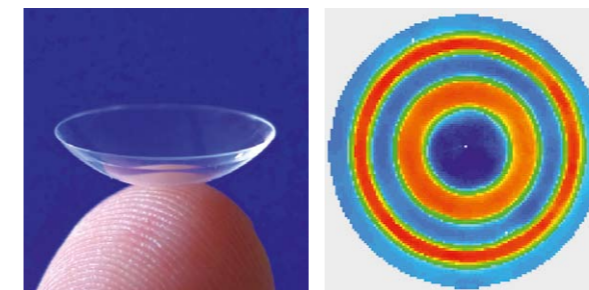
Measured data:

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

SHSWorks 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

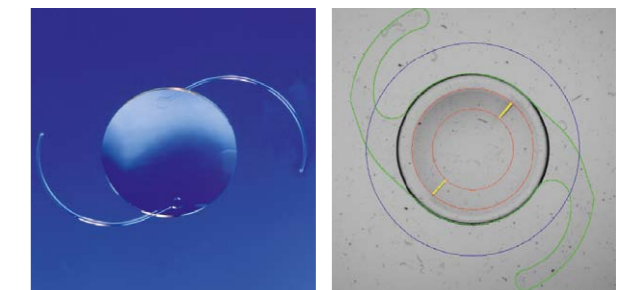
Measured data:

- Power (SPH, CYL, AXIS)
- MTF
- Asphericity

SHSWorks autoIOL (optional)

Automated evaluation for IOL

- Matching of haptic design files (*.dxf files)
- Diameter of haptic and optics zone
- Position, alignment
- Orientation marks



SHSOphthalmic matrix

This automated system offers:

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

