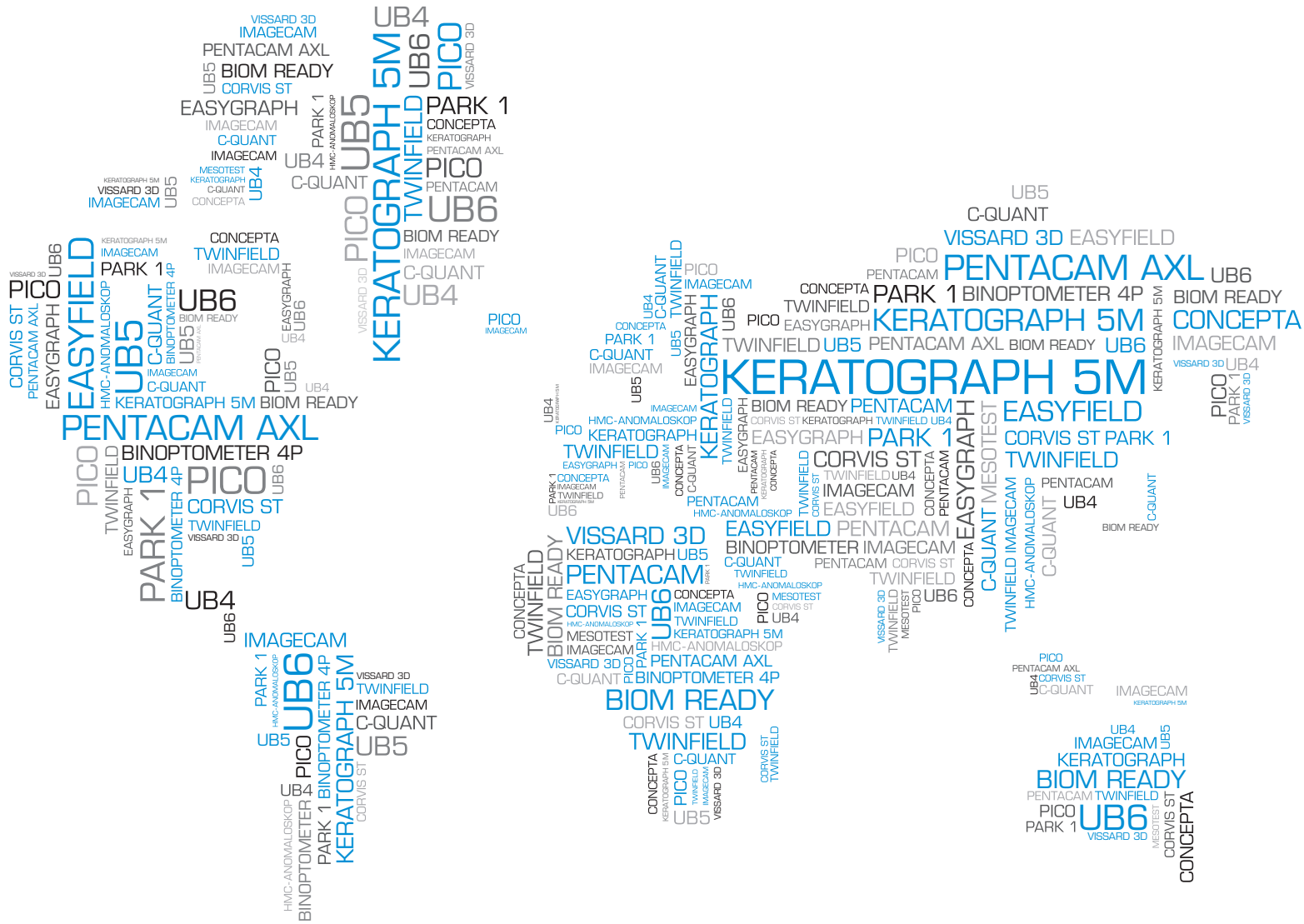


GENERAL CATALOGUE





Tradition since 1895

For more than 120 years, OCULUS Optikgeräte GmbH has been a trusted partner for eye care professionals around the world. With the highest attention to detail, our devices are designed and manufactured at the OCULUS headquarters, located in Wetzlar, Germany. Thanks to our nine subsidiaries in Europe, Asia and America, and more than 200 distributors in over 80 countries, OCULUS is accessible to all customers, around the globe.

More than 55% of OCULUS turnover is generated within the international market. There are about 300 employees working at the OCULUS headquarters – more than 60% of them in either research and development or production and service.

OCULUS is DIN EN ISO 13485 certified and applies high quality standards in development, production and service.

Visit www.oculus.de
to learn more about us
and our products



Follow us!



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The availability of products and features may vary by country, and OCULUS reserves the right to change product specifications and design. Please contact your local distributor for current product availability in your country.

Pico

The small performance miracle measuring a mere 1.33 m²

OCULUS Pico utilizes space efficiently while guaranteeing optimal ergonomic design. The basic unit consists of a slide-and-swivel table for two instruments and a drawer for storing a set of lenses. All Pico functions are controlled via an integrated membrane keypad. Pico can be equipped individually with refraction instruments such as a Keratograph or an Easygraph for fitting contact lenses, a slit lamp, an automatic or manual phoropter, etc. There are practically no limits to what you can combine. The completely integrated patient's seat can be fitted with armrests, a footrest and a headrest.

91250 Pico workstation unit, basic unit with slide-and-swivel table including drawer and patient's seat



More information
online



Detailed brochure
available





Concepta

The modular multi-talent

OCULUS Concepta is a very space-economic swivel unit for small examination rooms. The swivel table is designed for two examination instruments. The phoropter is moved electromotorically using a kinetronic phoropter arm control unit. An optional computer can be integrated into Concepta, for example to control instruments (Keratograph, digital image documentation of slit lamp examinations with OCULUS ImageCam®). Various wood finishes, chrome elements and upholstery fabrics allow for custom-tailored design.

91000 Concepta workstation unit, basic unit consists of slide-and-swivel table, drawer, multi-function column and patient's seat



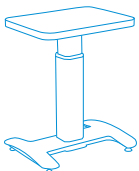
More information
online

Instrument Tables

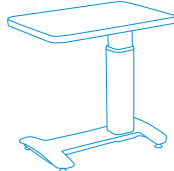
Art. no.	Table top size	Height	Weight	Max. load capacity	Voltage
37380	590 x 460 mm (23.2 x 18.1 in)	620–870 mm (26.4–34.3 in)	26 kg (57.3 lbs)	80 kg (176.3 lbs)	110/230 VAC
37374	770 x 550 mm (30.3 x 21.7 in)	620–870 mm (26.4–34.3 in)	38 kg (83 lbs)	80 kg (176.3 lbs)	110/230 VAC
37410	960 x 460 mm (37.8 x 18.1 in)	620–870 mm (24.5–34.3 in)	41 kg (90.4 lbs)	80 kg (176.3 lbs)	110/230 VAC
37377	960 x 500 mm (37.8 x 19.7 in)	620–870 mm (26.4–34.3 in)	40 kg (88.2 lbs)	80 kg (176.3 lbs)	110/230 VAC
37378	960 x 530 mm (37.8 x 20.9 in)	620–870 mm (26.4–34.3 in)	39 kg (86 lbs)	80 kg (176.3 lbs)	110/230 VAC

All tables are equipped with a double power socket for plugging in the examination devices. The table top is a discreet matt white in colour. The edges are stained dark brown. An all grey-white (RAL 9002) paint finish is available as an option. And it goes without saying that you can choose your own personal veneer or colours upon.

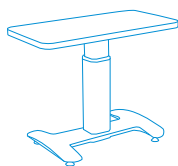
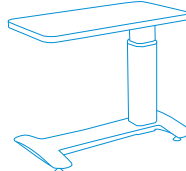
37380



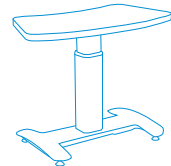
37374



37410



37377



37378



More information
online



Detailed brochure
available



Pentacam®

Anterior segment tomography

The Pentacam® provides you with an overall view of the anterior eye segment in a matter of seconds. It delivers tomographic data on elevation, curvature and pachymetry of the entire cornea. Auto release accompanied by a quality test guarantee fast, reproducible and delegable measurements. The Pentacam® can be expanded individually to include optional software modules.

70700 Pentacam® incl. basic software



*More information
online*



*Detailed brochure
available*



Pentacam® HR

Anterior segment tomography with high-res Scheimpflug images

The high-resolution Pentacam® HR, equipped with a brighter, optimized lens system for brilliant image quality. The Pentacam® HR comes with a basic software package, which can be expanded as desired with optional software modules. Pentacam® HR images provide you with impressive depictions of IOLs and phakic IOLs. Alterations and injuries to the cornea as well as implants and refractive surgeries are revealed in spectacular manner.

70900 Pentacam® HR incl. basic software



*More information
online*



*Detailed brochure
available*



Pentacam® AXL

Anterior segment tomography and optical biometry

The new Pentacam® AXL is a symbiosis of the time-tested Pentacam® technology with completely new, high-precision measurement along the visual axis. Contact-free from the corneal surface to the retina. This compact device includes you a multitude of diverse software options and packages.

Pentacam® measurements

The gold standard for measuring and analyzing the anterior segment of the eye – and rightly so. It is time-tested, sophisticated and the first choice among many experts worldwide.

Axial length measurements

For IOL power calculation and myopia control.

Combined measurements – Pentacam® + Axial length

Both measurements are taken in succession on the same measuring axis using the same centering function.

Using the Pentacam® AXL, you can also take reliable measurements of difficult eyes. For virgin and treated corneas (LASIK, PRK, RK, etc.), special IOL calculation formulas are included in the IOL Calculator. A large IOL database is also included. Intuitive IOL constant optimization completes this device.

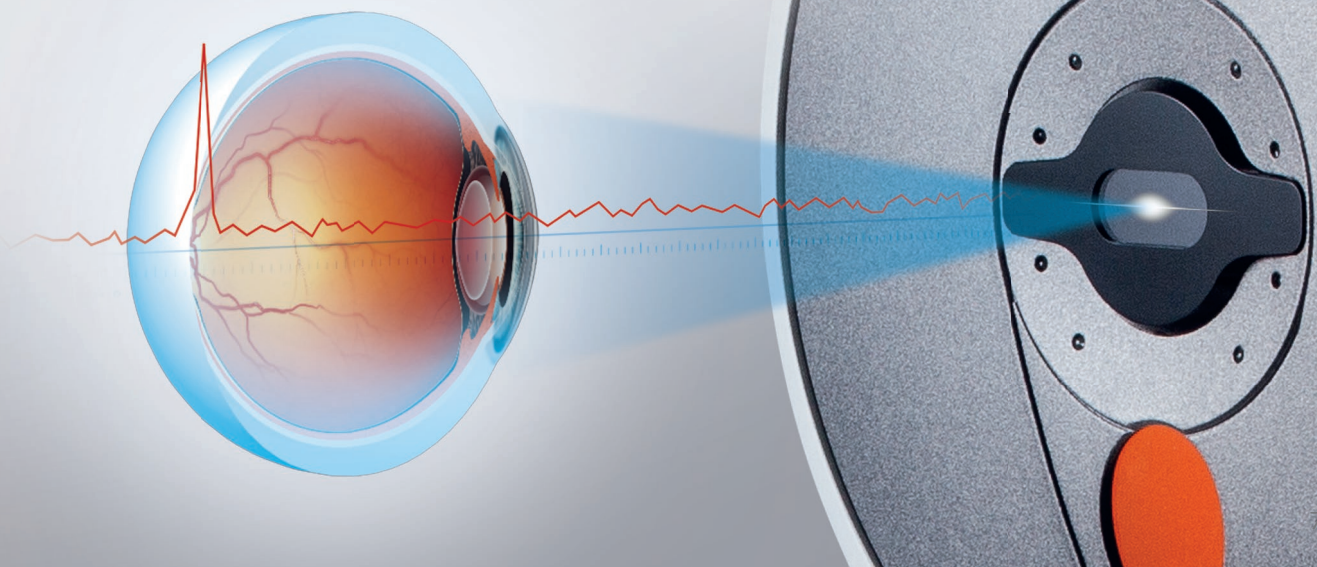
70100 Pentacam® AXL incl. basic software and various software packages



More information
online



Detailed brochure
available



Corvis® ST

Evaluation of corneal biomechanical response, tonometry and pachymetry

The revolutionary Corvis® ST records the reaction of the cornea to a defined air pulse using a newly developed high-speed Scheimpflug camera. This camera captures

over 4.300 images per second, permitting highly precise measurement of IOP and corneal thickness. Based on a video of 140 images, taken within 31 ms after onset of the air pulse, the Corvis® ST provides a detailed assessment of corneal biomechanical properties. The information obtained on the biomechanical response of the cornea is used to calculate a biomechanically corrected IOP (bIOP). Furthermore it allows ectatic diseases such as keratoconus to be detected at a very early stage. Biomechanical properties also play an important role in the development and progression of glaucoma.



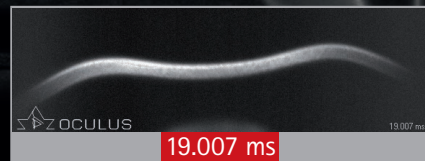
72100 Corvis® ST



More information online

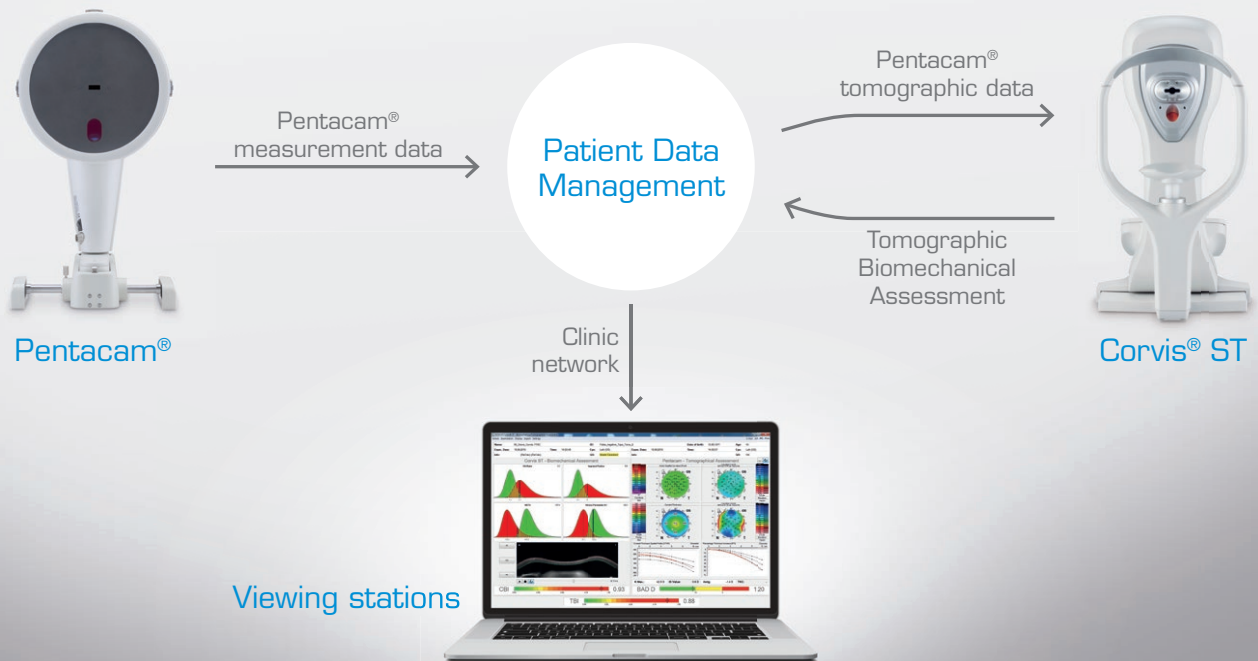


Detailed brochure available



A high-speed Scheimpflug camera takes more than 4.300 images per second

Combining Tomography with Biomechanical Properties gives you the complete view



PARK 1®

Non-contact pachymeter, autorefractor and keratometer

The PARK 1® is a precise autorefractor and keratometer with a compact, space-saving design devised for assessing the objective refraction and the central radii of the cornea. With its integrated patient data management system, examination and patient data can be stored on one and the same instrument. Optional non-contact pachymetry on the basis of a Scheimpflug image allows for precise, contact-free measurement of corneal thickness.

The PARK 1® is equipped with a data interface for direct transfer of refraction results to a phoropter. Alternatively, a data interface is available which can be connected to customary practice and optician software.

64900 PARK 1® with pachymetry function



More information online



Detailed brochure available



Keratograph 5M

Topographer and dry eye screening device

The Keratograph 5M has become an integral part of the ophthalmological and optometric practice. Examiner-independent measurements provide reliable data, clear analyses and full documentation. The Keratograph 5M is a popular device for dry eye screening because of its enhanced tear film related examination possibilities.

The Keratograph 5M contains features that offer optimal conditions for your image documentation such as the high-resolution colour camera and different illumination options.

White ring illumination is used to measure thousands of points on the entire corneal surface. Infrared ring illumination is also available for analyzing the tear film in order to prevent reflex tear secretion caused by glare.

The Keratograph software includes a reliable screening package for corneal disease detection, lens fitting and refractive surgery.

77000 Keratograph 5M for attachment to a workstation unit or instrument table



*More information
online*



*Detailed brochure
available*





Keratograph 4

Topographer and keratometer

Gold standard corneal topography – ensures reliability when it comes to taking measurements, providing consultation and fitting contact lenses. The integrated keratometer and automatic measurement activation guarantee perfect reproducibility.

All important parameters of the cornea can be analyzed with the basic software. Numerous optional examination and evaluation functions are available.

70670 Keratograph 4 for attachment to a workstation unit or instrument table



*More information
online*



*Detailed brochure
available*

Easygraph

Compact topographer and keratometer

The Easygraph uses the same precise measuring technology as the Keratograph and is both a topographer and a keratometer combined into one unit. Numerous analysis and display formats support eye specialists in their quantitative classification of the cornea. The Easygraph can be easily attached to most conventional slit lamps with minimum additional space requirements.

70620 Easygraph



*More information
online*



*Detailed brochure
available*



SL-IC5 and SL-IC4

Universal slit lamps with pioneering features

Sharp optics combined with bright, homogeneous slit illumination guarantees you a clear view with the OCULUS SL-IC4 and SL-IC5. Take advantage of the wide range of filters (blue, red free, neutral density, diffuser, yellow) integrated in the new OCULUS slit lamp to improve the quality of your examination results. Its no-hassle controls allow you to focus entirely on the examination. For the first slit lamp in the OCULUS portfolio we have teamed up with one of the best in the field – the slit lamp pros from the British manufacturer Keeler. And we are not just a little proud of the result.

Both slit lamp models are available in a "digital ready" version.

65802 SL-IC5 Slit lamp

65842 SL-IC4 Slit lamp



More information
online



Detailed brochure
available



*OCULUS SL-IC5 D
with a slim, tall design*



*OCULUS SL-IC4
with a compact design*



ImageCam® 2

Slit lamp documentation

The OCULUS ImageCam® 2 is one of the smallest slit lamp documentation systems on the market and can be adapted to almost all commercially available slit lamps. Slit lamp images are taken by a high-resolution digital video camera triggered by a footswitch. Exposure time, light magnification and white balance can be easily adjusted with the user-friendly software. Entire slit lamp examinations can be recorded as video sequences from which the most conclusive images are taken and saved for purposes of findings documentation.

69000 ImageCam® 2



More information
online



Detailed brochure
available

“Digital ready” – easy to upgrade to a photo slit lamp!

Both slit lamp models are available in a “digital ready” version. The OCULUS SL-IC4 D and SL-IC5 D both come with a digital port for connection to the OCULUS image documentation system ImageCam® 2. Images and videos can be conveniently captured by joystick rather than with the foot switch.



BIOM® 5

Perfect viewing for non-contact wide angle observation

The easy handling of the BIOM® 5 persuades more and more surgeons. While observing the vitreous and the fundus, the BIOM® 5 is aligned coaxially with the operating microscope. During extraocular phases of surgery, it is swung aside out of the observation beam while the inverting action of the SDI® is neutralized manually, by foot switch or automatically, if the SDI® 4c/BIOM® 5c are used. All sterilizable parts of the BIOM® system are steam autoclavable following the latest recommendations.

A steam autoclavable micro switch for control of the SDI® 4c guarantees convenience at its best. The activation of the inverter function is ensured as long as the position of the BIOM® 5c requires it. Of course the SDI® can be controlled independently. Including the improvements of the BIOM® 5m, the latest version, the BIOM® 5c offers additionally the convenience of motorized focusing of the BIOM® image.

It incorporates the intelligent and automatic control of the corresponding inverter, the SDI® 4c.

55400 BIOM® 5c

55403 BIOM® 5cl

55462 BIOM® 5m

55463 BIOM® 5ml



More information
online



Detailed brochure
available



SDI®

Stereoscopic Diagonal Inverter

The convenience of automatic inversion provided by the SDI® 4c ensures the surgeon's view is always orientated properly. This is accomplished through a fully autoclavable micro switch on the BIOM® 5c versions. During extraocular phases of surgery it is swung out of the observation beam while the inverting action of the SDI® is neutralized: Automatically, by a surgeon controlled footswitch or manually.

54300 SDI® 4e (electronic inversion)

54320 SDI® 4c (automatic inversion)

54302 SDI® 4m (manual inversion)



More information
online



Detailed brochure
available



BIOM® Connecting Spacer

If your microscope already incorporates a stereoscopic diagonal inverter, you don't have to miss out on the benefits of the OCULUS BIOM® 5c and BIOM® 5cl. Ask the OCULUS team about the BIOM® Connecting Spacer.

54841 BIOM® Connecting Spacer

BIOM® Optic Set

Lens for single-use

The OCULUS BIOM® HD Disposable Lens combines an extremely wide field of view with high definition clarity. This makes it ideal for all stages of vitreoretinal surgery including macula viewing under high magnification.

The innovative single-use design ensures a perfect view in every case, providing 130° wide angle field of view. Single-use design stands for increased O.R. efficiency and lower costs.

The BIOM® Optic Set is compatible with all OCULUS BIOM® 3/4/5.

54411 BIOM® Optic Set HD Professional for f = 175 mm

54412 BIOM® Optic Set HD Professional for f = 200 mm

54415 BIOM® Optic Set HD Flex



More information
online



Detailed brochure
available



BIOM® ready

The world's first single-use wide angle viewing system

From the inventors of non-contact wide angle viewing, comes the world's first single-use wide angle viewing system: The BIOM® ready provides the retinal surgeon the same unparalleled view they have come to rely on with the BIOM® system.

The single-use BIOM® presents the perfect balance between flexibility and high optical quality. Furthermore surgeons benefit from the lack of "down time" for increased O.R. efficiency.

54413 BIOM® ready for f = 175 mm

54414 BIOM® ready for f = 200 mm



More information
online



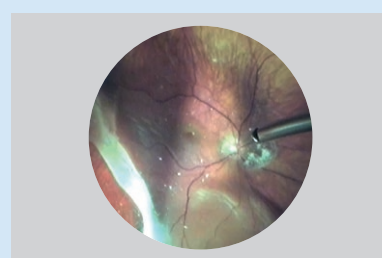
Detailed brochure
available



130° wide angle field of view with outstanding resolution



New reduction lens is designed to optimize the view of the retina and the limbus, increasing surgical efficiency



HD clarity under high magnification



BIOM® ready sterile blister pack



Connects easily to your microscope



Ready for use

ImproVue® HPMC VISCOELASTIC

For topical hydration during ophthalmic surgery

ImproVue® is preservative free and designed to adhere to the cornea, forming a thin, optically clear film. ImproVue® comes in sterile syringes, with cannula for easy application.



55100 ImproVue® HPMC Viscoelastic



More information
online

Ocular Flat Disposable Vitrectomy Lens

Contact lens

Plano anterior surface affords a 36 degree field of view of the central posterior pole and vitreous in phakic and pseudophakic eyes, in single-use design. No sterilization required.



55110 Ocular Flat Disposable Vitrectomy Lens



More information
online

Easyfield®

Full-fledged compact automated perimeter for visual field tests up to 30° eccentricity

The OCULUS Easyfield® is a full-fledged compact perimeter capable of performing standard automated perimetry of the central visual field up to 30° eccentricity. It has been designed for the combined use as visual field screener and perimeter, offering features usually available only in large units. The spherical bowl with 30 cm (11.81 in) radius is enclosed into an ergonomically movable cone equipped with a distance adapted lens. The Easyfield® conforms to the Goldmann standard and fulfills the ISO-12866 norm for perimeters.

Measurements of the Easyfield® are carried out using an LED grid with 135 fixed test locations, including the common 30-2, 24-2 and 10-2 patterns. The novel SPARK test strategy leads to faster and more stable threshold tests providing improved diagnostic capabilities. Besides the standard field indices the Easyfield® delivers evaluations of the innovative Glaucoma Staging Program (GSP) and the classifications provided by the enhanced Glaucoma Staging System (GSS 2).

15000 Easyfield® C automated perimeter with adjustable chin rest

15005 Easyfield® S automated perimeter



More information
online



Detailed brochure
available



Easyfield® S

Easyfield® C



Smartfield

LCD perimeter for visual field tests up to 60° eccentricity

The Smartfield is optimized for monitoring functional impairment in glaucoma, using the SPARK examination strategy for testing glaucoma patients. This device can also extend visual field measurements into the periphery.

14000 Smartfield



More information
online



Detailed brochure
available



Centerfield® 2

Projection perimeter for visual field tests up to 70° eccentricity

The closed design of the Centerfield® 2 and the shaded view into the perimetric bowl allow for visual field examinations in normally lit rooms. This practical table-top device with reduced footprint can be deployed in almost any setting.

56980 Centerfield® 2 projection perimeter



More information
online



Detailed brochure
available



Twinfield® 2

Full-field projection perimeter for static and kinetic visual field tests

The ergonomic design of the Twinfield® 2 ensures increased patient comfort, while its reduced test duration, intuitive operation and powerful analysis tools help provide the examiner with conclusive diagnostic information.

56920 Twinfield® 2 projection perimeter



More information
online



Detailed brochure
available

Binoptometer® 4P

Professional vision testing device

The Binoptometer® 4P is a professional screening instrument for testing all relevant visual functions. The used future-oriented technology allows an almost unlimited representation of various vision tests. The vision tests are presented on a high-resolution micro-color display, allowing a virtually unlimited presentation of vision tests. The Binoptometer® 4P enables to test contrast sensitivity, optional mesopic vision and glare sensitivity with just one instrument.

The Binoptometer® 4P can be adapted to many different requirements, due to the adjustable examination distance continuously from 30 cm (11.81 in) to infinity.

Convenient height adjustment range of 10.5 cm (4.13 in). In addition, the viewing angle is fully adjustable up to a 35° downgaze, thus enabling testing to be done ergonomically with any eyeglasses.

Fulfills all current standards
(DIN EN ISO 8596, DIN 58220 Part 5, 6 and 7)

59860 Binoptometer® 4P with height adjustment

59862 Binoptometer® 4P



More information
online



Detailed brochure
available





Mesotest® II / Mesotest® II konkav

Program-controlled examination of mesopic vision and glare sensitivity

Tests of mesopic vision and glare sensitivity are important supplements to photopic vision testing, especially when night driving capacity must be assessed. If the patient has IOL implants or has undergone refractive surgery, it is advisable to check mesopic vision and glare sensitivity both pre- and postoperatively as well as before prescribing tinted lenses.

62800 Mesotest® II

62801 Mesotest® II konkav, same as Mesotest® II, with integrated concave lenses (-0.5 D / -1.0D / -1.5 D) for detecting night myopia



More information
online



Detailed brochure
available

C-Quant

Straylight measuring instrument for quantifying light scattering

Straylight is measured objectively directly on the retina. Increased straylight in the eye reduces the quality of visual impressions. The OCULUS C-Quant is based on the scientific research of Dr. T. J. T. P. van den Berg from the Royal Netherlands Academy of Arts and Sciences.

Examination results are quantified age-dependently, depicted in diagrams and stored automatically, the C-Quant is activated by a computer.

80000 C-Quant incl. software and 12 corrective lenses in wooden case



More information
online



Detailed brochure
available





HMC-Anomaloskop

Heidelberger Multi-Color-Anomaloskop for professional assessment of color vision

The Heidelberger Multi-Color-Anomaloskop is a microprocessor-controlled device for assessment of red-green and blue-green color vision and precision diagnosis of its deficiencies. There are two versions available, both equipped with integrated automatic neutral adaptation: **The HMC-Anomaloskop (R)** for precision diagnosis of red-green color vision deficiencies (Rayleigh equation). **The HMC-Anomaloskop (MR)** for precision diagnosis of both red-green (Rayleigh equation) and blue-green (Moreland equation) color vision deficiencies.

47700 HMC-Anomaloskop (MR)

47720 HMC-Anomaloskop (R)



More information
online



Detailed brochure
available

H-Test

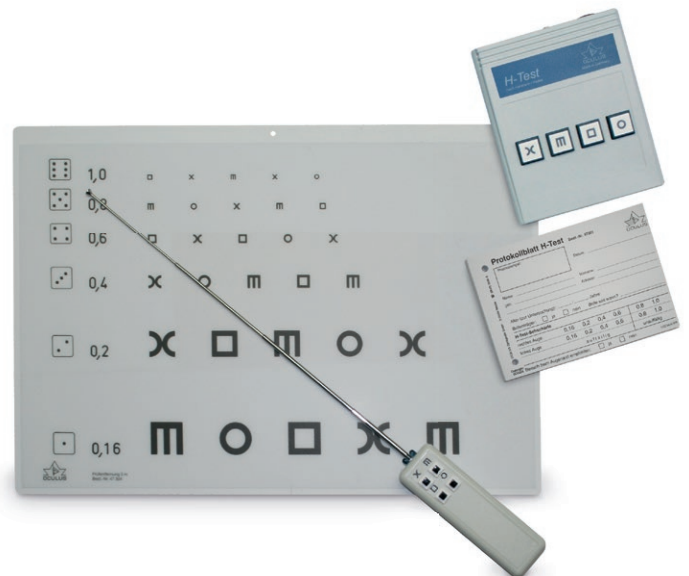
Nonverbal visual acuity test

The H-Test is a child-friendly nonverbal visual acuity test including a matching box (display unit) and melody feedback for a testing distance of 3 m. This visual acuity test is easy to perform, as it engages children in a playful way. The H-Test is suited for children between 3 and 6 years of age as well as for less articulate children. It provides a way of identifying children at risk of amblyopia at an early stage with little time expenditure and simple equipment.

47300 H-Test according to Hohmann/Haase, with infrared remote control



More information
online



Vissard 3D

Vision testing device for day and night



More information
online



Detailed brochure
available



The **Vissard 3D** is a solidly professional, expert refraction device, which increases your customers' acceptance and let them have fun with various reality vision tests such as number plate or chalk board reading.

16030 Vissard 3D



The **Vissard MOBIL** was developed for modern eyecare professionals who want to be able to also work with precision outside the examination room. It is a compact, fully fledged refraction system of the Vissard family which stands out for its portability and versatility in use.

16020 Vissard MOBIL



Illuminated Eye Test Cabinet

Visual acuity test

The illuminated eye test cabinet is designed for OCULUS eye charts measuring 290 x 490 mm. The illuminated cabinet is equipped with two shielded LED lamps and comes with a pull-cord switch and a power supply cable. Dimensions: approx. 410 x 105 x 560 mm (W x D x H) Weight: approx. 2.5 kg

45600 Illuminated eye test cabinet

incl. one eye chart (46016 – 46936) of your choice (only 230 V)



More information
online

MARS Letter Contrast Sensitivity Test

Visual contrast sensitivity test

The MARS letter contrast sensitivity test is a set of three eye charts presenting very large letters with low visual acuity demands in a progression of weakening contrast, providing a quick and simple means of testing a person's visual contrast sensitivity.

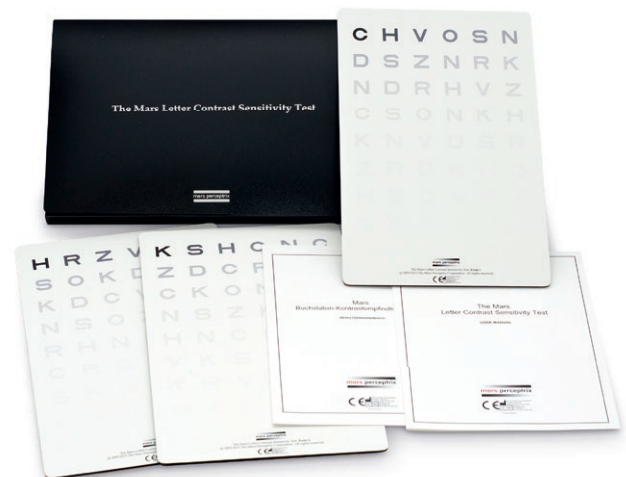
Dimensions: approx. 230 x 5 x 360 mm (W x D x H)

47280 MARS Letter Contrast Sensitivity Test

3 eye charts with 48 large-sized letters per chart, incl. a robust storage folder and a user manual with a copyable results sheet



More information
online



C-Test for Near and Distance Vision

Visual acuity test acc. to Haase/Hohmann

C-Test for near vision examination, consisting of 6 charts with logarithmically graduated visual acuity values (40 cm reading distance). This eye exam is distinguished by the fact that the distances (2 different distances) between the characters remain constant for all visual acuity levels and the smallest distances are comparable to those of real texts. Line-wise, the Landolt ring is arranged in random sequence with the gap oriented in different directions. The size of the Landolt ring decreases from line to line with the demand on visual acuity increasing.



47020 C-Test for near vision by Haase / Hohmann (A5), 6 charts with Landolt rings, 20 visual acuity levels, one 50-sheet pad of evaluation forms, wooden pointers

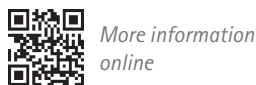
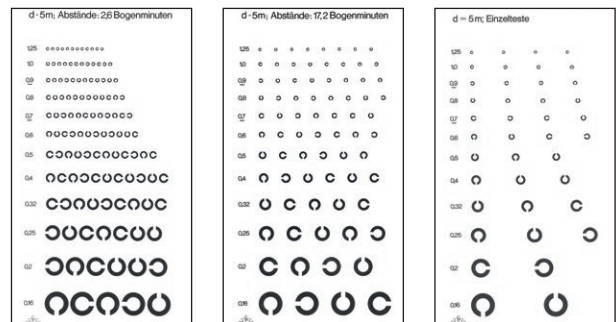
C-Test for distance vision examination, consisting of 3 individual charts (5 m testing distance). Charts for distance visual acuity test apply the same parameters as those used for near visual acuity test; $V = 0.16 - 1.25$.

46966 Distance visual acuity test (C-Test), set of 3 charts, washable, foil-coated, dimensions: 320 x 640 mm

46967 C-Test for distance, single chart 1
rows 2.6' optotype spacing

46968 C-Test for distance, single chart 2
rows 17.2' optotype spacing

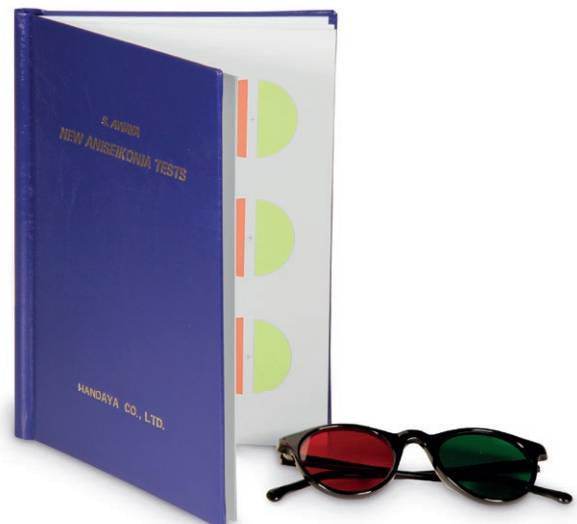
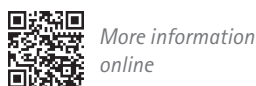
46969 C-Test for distance, single chart 3
single optotypes



Aniseikonia Test

The Awaya aniseikonia test in book format for near vision is based on red-green separation. The test comprises 24 test images showing red and green semi-circles.

47220 S. Awaya new aniseikonia tests, booklet, incl. red-green goggles



Colour Eye Tests

Ishihara Colour Chart

Testing colour perception

Ishihara colour charts are ideal for the screening of hereditary red-green colour vision defects. Available in four different versions, book format.

47640 Ishihara's tests for colour deficiency, 38 plates edition

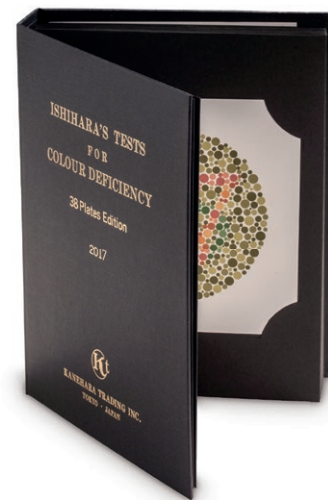
47600 Ishihara's tests for colour deficiency, 24 plates edition

47610 Ishihara's tests for colour deficiency, 14 plates edition

47620 Ishihara's design charts for colour deficiency of unlettered persons, 10 plates



More information
online



Matsubara Colour Charts

Colour vision test plates for the infants

Matsubara colour charts are ideal for the screening of hereditary red-green colour vision defects. 10 test plates in book format, suitable from pre-school age up.

47625 Matsubara colour test plates for the infants, book format, 10 plates, incl. 6 matching charts



More information
online



Colour Arrangement Tests

Quick screening test for differentiation between mild and pronounced colour vision defects.

47650 Farnsworth colour test panel 15 D (saturated), in wooden box, incl. evaluation form

47651 Lanthony colour 15 HUE (desaturated), in wooden box, incl. evaluation form



More information
online



Universal Trial Frame UB 6

For refraction professionals

In the new product development of the UB 6 we put ergonomics, simple handling and optimal wearing comfort front and center.

The UB 6 is made of the finest materials. Many ideas and suggestions for improvements from our customers have been integrated in the new development: for example, the nose piece and its adjustment options have a fully

new construction. Also new is the lens holder, with four slots in front and two behind. Optional polarizing filter with large viewing area for distance and near vision: linear and circular available.

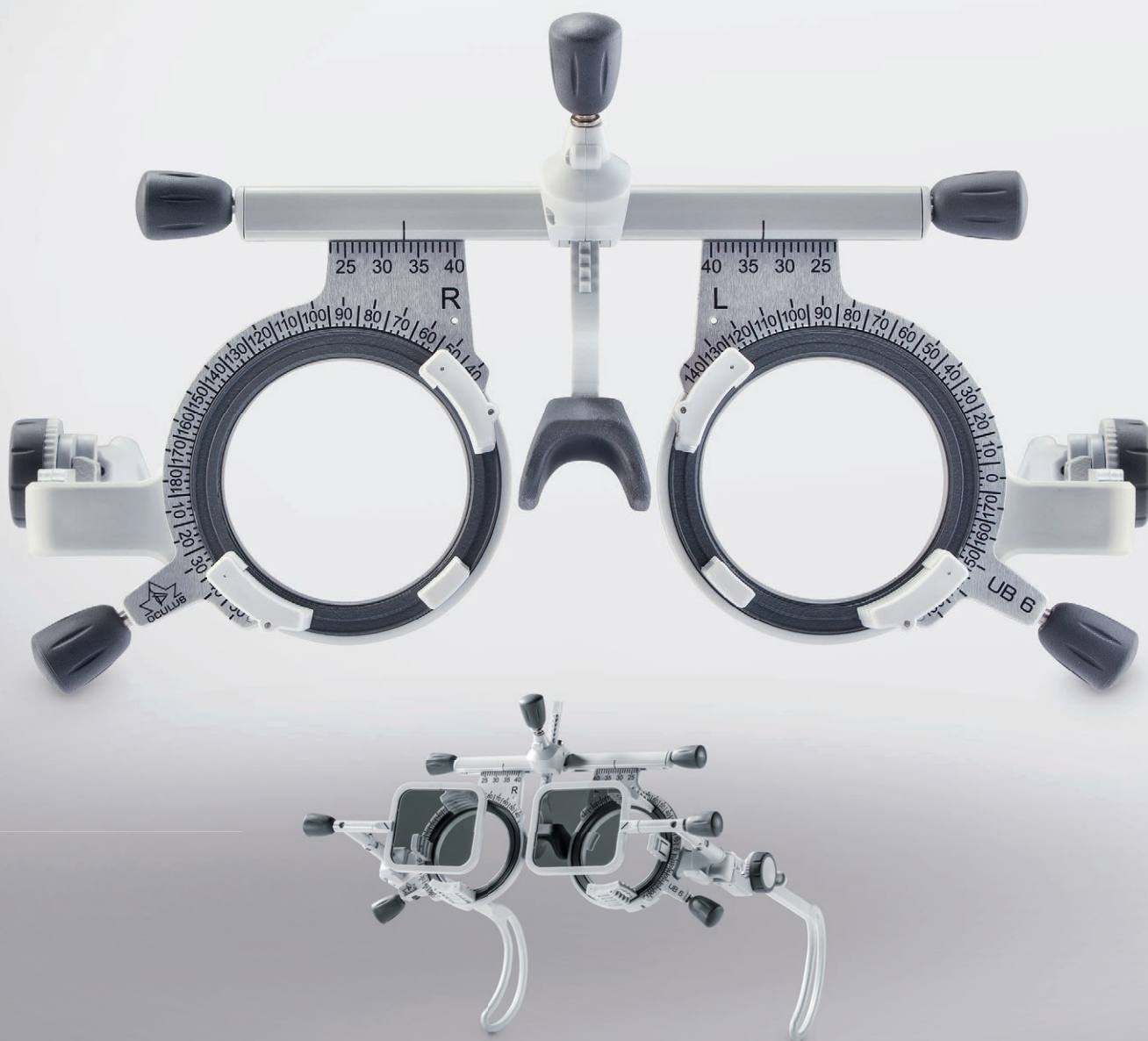
42600 Universal Trial Frame UB 6



More information
online



Detailed brochure
available



Universal Trial Frame UB 4

The reliable universal trial frame

Our high-end model UB 4 offers ergonomically optimized user elements for cylinder axis, PD, nose height and bow adjustment. Optional polarizing filter with large viewing area for distance and near vision: linear and circular available.

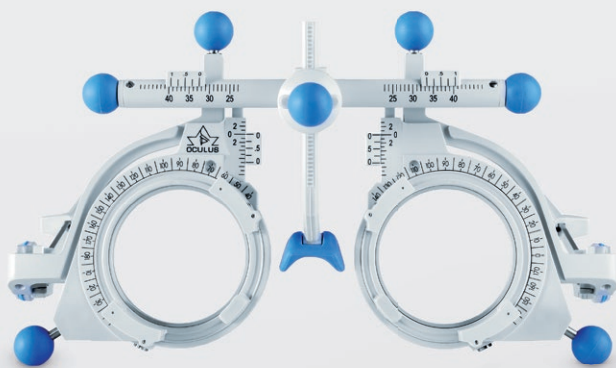
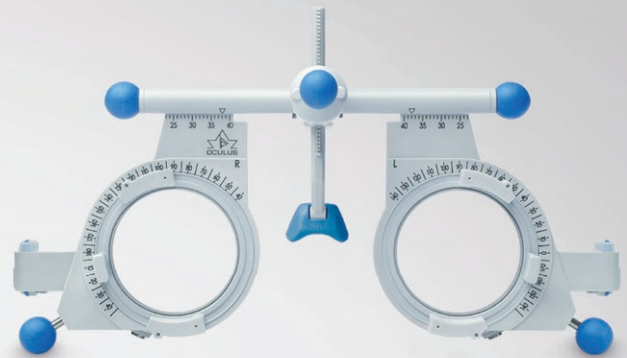
42500 Universal Trial Frame UB 4



More information
online



Detailed brochure
available



Universal Trial Frame UB 4 höhenverstellbar*

A vernier scale for more precision

In addition to optimized user elements and light weight, which are standard features among OCULUS trial frames, the UB 4 höhenverstellbar has something more to offer: even finer precision. Its single height-adjustable glassholders allow each side to be adjusted individually, i.e. independently of the other eye, and not only horizontally but also vertically. This is complemented by a vernier scale, permitting measurements to a precision of a quarter millimetre.

42503 Universal Trial Frame UB 4 höhenverstellbar*



More information
online



Detailed brochure
available

*höhenverstellbar ['hø:ənʃtɛl̩'ʃtɛlba:r] = height-adjustable

Universal Trial Frame UB 3

Popular black universal trial frame

The solid UB 3 is familiar to anyone who is involved in prescribing lenses for eyeglasses. Slip-on rotary polarizers linear (by Hengerer) are available.

42180 Universal Trial Frame UB 3



More information
online



Detailed brochure
available



Half-eye Trial Frame

Approved half-eye trial frames with three slots for each side, PD adjustable from 59 to 67. Also available with adjustable nose bridge.

42580 Half-eye Trial Frame, rigid nose bridge

42588 Half-eye Trial Frame, same as 42580, with adjustable nose bridge



More information
online



Detailed brochure
available



42580

Half-eye Trial Frame for Small Heads and Children

These half-eye trial frames have been especially designed for small heads, PD adjustable from 54 to 58. Also available with adjustable nose bridge.

42480 Half-eye Trial Frame, rigid nose bridge

42488 Half-eye Trial Frame, same as 42480, with adjustable nose bridge



More information
online



Detailed brochure
available

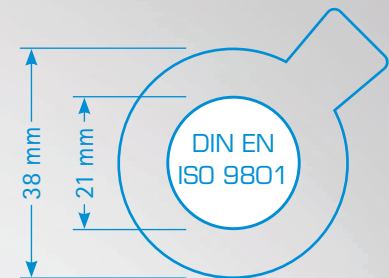


42488

Trial Lens Cases BK Line

Unsurpassed quality made by OCULUS

All half-rim and full-rim trial frames are suitable for trial lenses conforming to DIN EN ISO 9801 with a rim diameter of 38 mm, e.g. an OCULUS "tl" trial lens.



BK 1

Comprehensive trial lens case

Large-set trial lens case containing 228 trial lenses. Available as table and wall version in grey white with roll top.

33180 Trial Lens Case BK 1/T, table version

33280 Trial Lens Case BK 1/W, wall version



More information
online



Detailed brochure
available



BK 1 SE

Optimized trial lens case

Large-set trial lens case containing 240 coated trial lenses. Available as table and wall version in dark grey with roll top.

331871 Trial Lens Case BK 1 SE/T, coated, table version

332861 Trial Lens Case BK 1 SE/W, coated, wall version



More information
online



Detailed brochure
available



BK X/O

Trial lens case with maximal features

All-in trial lens case (according to Kochniss) in table version containing 422 coated trial lenses. The two-level layout stands out for highest comfort in use. Available as table version in grey white with roll top.

33101 Trial Lens Case BK X/O, coated, table version



More information
online



Detailed brochure
available



BK 2

Compact trial lens case

Practical wooden Trial Lens Case containing 130 trial lenses. Ideal for mobile use.

33480 Trial Lens Case BK 2, beechwood case



More information
online



Detailed brochure
available

Prism Lens Case

Compact trial lens case

Practical wooden trial lens case containing 72 coated prismatic trial lenses.

33106 Prism Lens Case, coated, beechwood case



More information
online



Detailed brochure
available



BK F

Trial lens case for fine adjustment

Practical add-on case containing 12 coated trial lenses for spherical and cylindrical fine adjustment.

33120 Trial Lens Case BK F, coated, beechwood case



More information
online

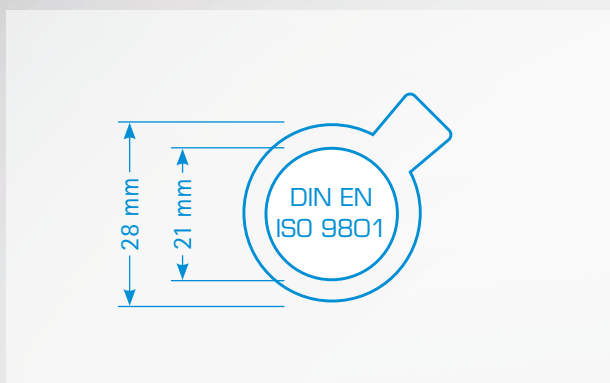


Detailed brochure
available

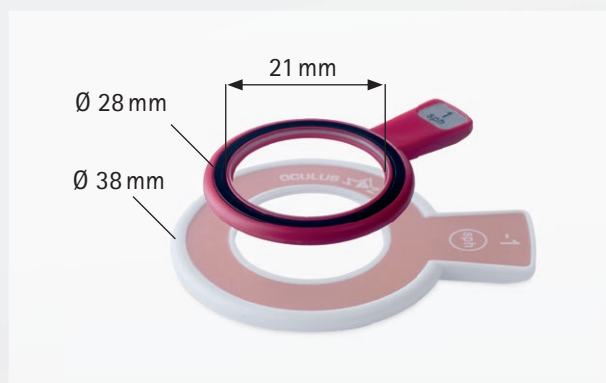
Trial Lens Cases BK S Line

Small trial lenses for small heads

The only way to further reduce the PD in universal trial frames is to reduce trial lens rims. That's exactly what OCULUS does: Same size lenses with thinner rims permit PD adjustment down to 40 mm – ideal for small heads and children.



Comparison between tls (trial lens small) for Universal Trial Frame UB 5 (top) and tl (trial lens) for Universal Trial Frames UB 3/UB 4/UB 4 höhenverstellbar/UB 6 and the half-eye trial frames (bottom).



Universal Trial Frame UB 5

For small heads and children

This trial frame has been especially designed for small heads. It is distinguished by its low weight, large contact areas and hence optimal weight distribution. The PD is adjustable from 40 to 72 mm. The UB 5 accommodates up to 10 trial lenses with an outer diameter of 28 mm (tls = trial lens small).

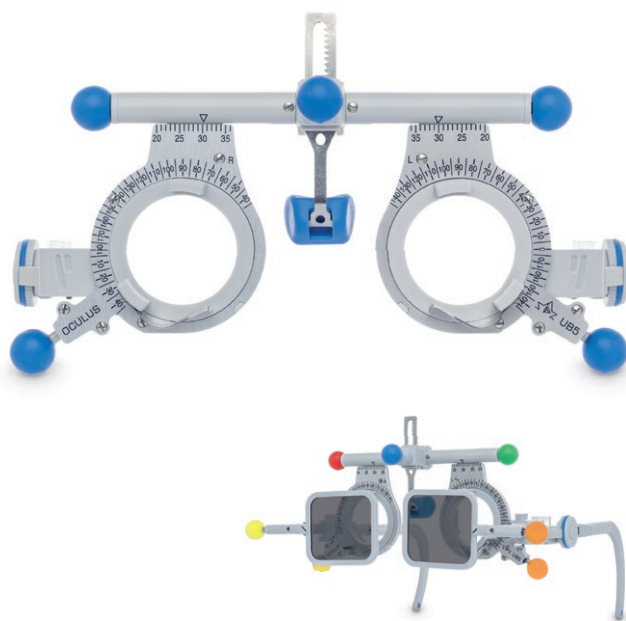
42550 Universal Trial Frame UB 5



More information
online



Detailed brochure
available



BK S1

Comprehensive trial lens case

Large-set trial lens case containing 228 trial lenses. Available as table and wall version in grey white with roll top.

33190 Trial Lens Case BK S1/T, table version

33197 Trial Lens Case BK S1/W, wall version



More information
online



Detailed brochure
available



BK S2

Compact trial lens case

Practical wooden trial lens case containing 130 trial lenses. The practical case provides space for additional accessories such as the UB 5.

33490 Trial Lens Case BK S2, beechwood case



More information
online



Detailed brochure
available



* The trial lenses in the BK S line have a rim diameter of 28 mm (lens diameter 21 mm). Suitable for Universal Trial Frame UB 5.

BK S3

Comprehensive trial lens case

Practical wooden trial lens case containing 192 trial lenses. Ideal for mobile use.

33501 Trial Lens Case BK S3, beechwood case



More information
online



Detailed brochure
available



Prism Lens Case S

Compact prism lens case

Practical wooden trial lens case containing 72 coated prismatic trial lenses.

33116 Prism Lens Case S, coated, small beechwood case



More information
online



Detailed brochure
available



* The trial lenses in the BK S line have a rim diameter of 28 mm (lens diameter 21 mm). Suitable for Universal Trial Frame UB 5.

Spherical Balance Lenses

36610 Spherical balance lens sph ± 0.12 D, with handle, coated

36620 Spherical balance lens sph ± 0.25 D, with handle, coated

36640 Spherical balance lens sph ± 0.50 D, with handle, coated



36620

Vario Cross Cylinder

36730 Vario-cross cylinders (by Reiner), with effect changes ± 0.25 D and ± 0.50 D, coated



36730

Jackson Cross Cylinder

36710 Jackson cross cylinder ± 0.12 D, with handle, coated

36720 Jackson cross cylinder ± 0.25 D, with handle, coated

36740 Jackson cross cylinder ± 0.50 D, with handle, coated

36780 Jackson cross cylinder ± 1.00 D, with handle, coated



36740

Retinoscopy Mirror

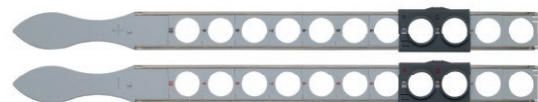
49700 Retinoscopy mirror, 45 mm diameter



49700

Retinoscopy Bars

48110 Retinoscopy bars with slider (by Trousseau)



48110

Refraction Bars

36600 Refraction bar, sph ± 0.25 and ± 0.50 D

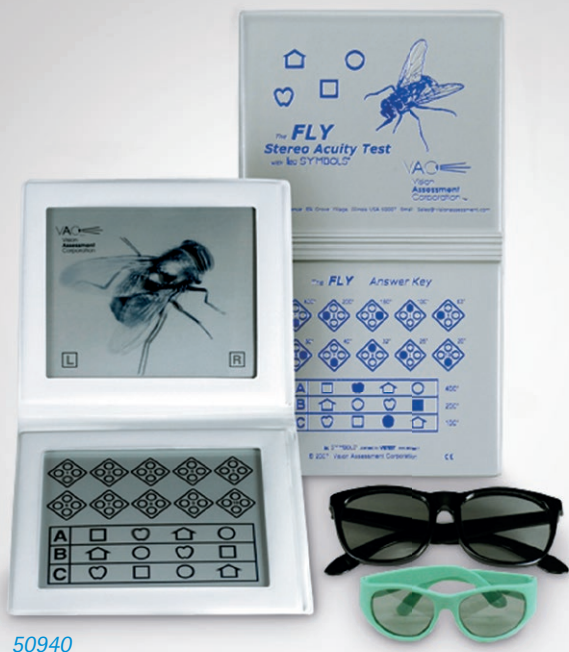
36605 Refraction bar, sph ± 0.25 and ± 0.50 D, coated



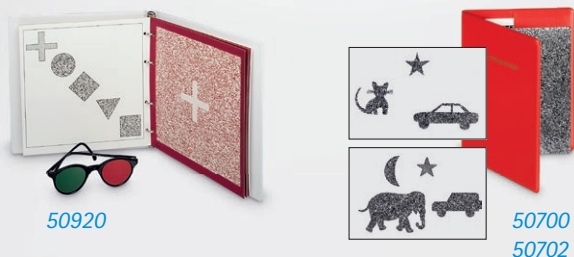
36600



More information
online



50940



50920

50700
50702

Stereo Tests

Screening test for adults and children

Simple tests for early detection of impairment of spatial vision among children, infants of pre-verbal age and adults.

- 50930 **Random Dot Stereo Acuity Test with Lea Symbols®**
book format, for children and adults,
incl. two polarized spectacles

- 50940 **The Fly Stereo Acuity Test with Lea Symbols®**
book format, for children and adults,
incl. two polarized spectacles

- 50950 **The Butterfly Stereo Acuity Test with Lea Symbols®**
book format, for children and adults,
incl. two polarized spectacles

- 50920 **TNO test for stereoscopic vision, nineteenth edition**
book format, incl. TNO red-green goggles

- 50700 **LANG Stereotest I®**, test chart in plastic cover
- 50702 **LANG Stereotest II®**, test chart in plastic cover
- 50703 **LANG Fixation Cube**, white
- 50704 **LANG Fixation Stick**



More information
online

Maddox Cross

Tangent scale

A Maddox cross is a tangent scale for squint angle measurement and retinal correspondence testing. It consists of two plastic scales, one large-digit for 5 m testing distance and one small-digit for 1 m testing distance. In the centre of the scale is a spot fixation LED light which should be located at eye level exactly in front of the patient during the examination.

Dimensions: approx. 1 290 x 28 x 1 290 mm (W x D x H)

43705 Maddox cross, incl. LED illumination and adapter



More information
online

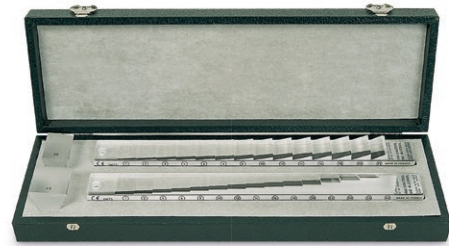


Detailed brochure
available



Prism Bars and Prisms

- 44010 **Prism bars** made of plastic, set in case:
horizontal 1, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 25, 30, 35, 40 PD
single prism 45 PD
vertical 1, 2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 25 PD
single prism 30 PD
- 44011 **Prism bar, horizontal** 1 to 40 PD, single prism 45 PD, in case
- 44012 **Prism bar, vertical** 1 to 25 PD, single prism 30 PD, in case
- 44020 **Single prism**, rounded form, plastic, set of 22 single prisms and 1 red lens, in case
- 44022 **Single prism**, cornered form, plastic, set of 22 single prisms and 1 red lens, in case



44010



44022

Demonstrators

- 46970 **Demonstrator** with Landolt ring
- 46980 **Demonstrator** with E-hook



46970



46980

Occluders

- 43980 **Occluder**, 78 x 49 mm (W x H)
- 43990 **Occluders**, small, set of 3, 42 x 36 mm (W x H)
- 35890 **Occluder** with handle and clip
- 35100 **Occluder with PD Meter** and additional features



43980



43990



35890



35100



Lorgnettes

- 42770 **Lorgnette with striated lenses** (Bagolini), axes 45° and 135°
- 42771 **Lorgnette with striated lenses** (Bagolini), axes 90° and 180°
- 36870 **Dark-red lens** with handle and clip
- 42700 **Red-green goggles**
- 42710 **Red-green lorgnette**



42770



36870



More information
online

Easyloupe® Titan

Magnifying loupe

The Easyloupe® Titan is a binocular loupe which provides larger magnification than conventional aids do and is intended for uses where these are no longer sufficient. This makes it the ideal binocular loupe for both professional and leisure use. The Easyloupe® Titan is a titanium-made featherweight fitted with proven OCULUS optics.

39730 Easyloupe® Titan 1.8x/370¹⁾
incl. solid case

39735 Easyloupe® Titan 2.5x/400¹⁾
incl. solid case

¹⁾ Magnification/working distance in mm



More information
online



Detailed brochure
available



Binocular Loupes

Magnifying vision aids

OCULUS binocular loupes are combined vision aids consisting of a pair of metal-frame spectacles and a magnifying unit. They stand out for their absolute marginal sharpness and high wearing comfort. Each model is a real lightweight, guaranteeing an ergonomic fit and sustained wearing comfort even after long hours of use. The high field of depth and excellent image quality additionally protect the examiner's eyes against fatigue. Corrective or protective lenses (lens width 54 mm, bridge width 18 mm) can be fitted into the metal frame as desired.



39750	Binocular Loupe 1.8x/370 ¹⁾
39751	Binocular Loupe 1.8x/370 ¹⁾ with near portion adapter
39770	Binocular Loupe 2.5x/400 ¹⁾
39771	Binocular Loupe 2.5x/400 ¹⁾ with near portion adapter
39780	Binocular Loupe 2.5x/300 ¹⁾
39781	Binocular Loupe 2.5x/300 ¹⁾ with near portion adapter
39620	Magnifying unit 1.8x/370 ¹⁾ , with bandeau
39625	Magnifying unit 2.5x/400 ¹⁾ , with bandeau



¹⁾ Magnification/working distance in mm



More information
online



Mirror Exophthalmometer

Eyeball protrusion

The exophthalmometer is used for measuring and quantifying eyeball protrusion (exophthalmus) in mm.

52400 Mirror Exophthalmometer acc. to Hertel

52401 Mirror Exophthalmometer acc. to Naugle, with infra- and supraorbital rest, incl. wooden box



More information
online



52401



52400

Nystagmus Spectacles

The examiner can closely observe how the patient's brightly illuminated eyes move under the spectacles' magnifying lenses during forward gaze and diagnose any nystagmus.

42902 Nystagmus spectacles acc. to Frenzel, battery version, type 703

42903 Nystagmus spectacles acc. to Frenzel, 4 V alternating voltage, type 501



More information
online



42902

Pinhole Goggles

An extremely light-weight, easy-to-fit pair of goggles with slots for corrective lenses.

42820 Pinhole goggles acc. to Lindner





More information
online




OCULUS Worldwide




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OCULUS is certified by TÜV according to
DIN EN ISO 13485

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