



OCULUS  
INTERNATIONAL  
For small products







## From Idea to Product

For more than 110 years, Oculus has been a partner for eyecare professionals around the world. Oculus provides support for the challenging daily tasks this group of specialists encounters by developing sophisticated technology-based instruments of the highest quality and by providing them excellent in-serve training on their efficient operation.

The demanding expectations of our customers are in focus of every Oculus undertaking and the satisfaction of these demands is the goal for individual instrument development projects.

More than 55% of the OCULUS turnover is going into international market. OCULUS has 227 employees working in the headquarters, 172 of them in research and development, production and service, 55 of them in management and distribution.

OCULUS is DIN EN ISO 13485:2003 and DIN EN ISO 9001:2000 certified and applies to high quality standards in development, production, service and controlling.

## History – Oculus since 1895

114 years of Oculus are 114 years of experience in ophthalmology and optics worldwide.

- **1895** Alois Mager established the "A. Mager Special Factory for Ophthalmological Instruments" in Berlin's Chausseestreet 8.
- Ophthalmoscopes, Javal- Ophthalmometers and the Försterperimeter belong to the first products.
- **1922** his son Wilhelm Mager joins the company and takes over his father's position as managing director from 1924-1956.
- Dec. 28th, **1932** the company A. Mager changes its name to OCULUS GmbH.
- After World War II **1947** the company moves from East-Berlin to Wetzlar-Dutenhofen. Diploma engineer Kurt Kirchhübel takes over as next managing partner from 1947-1986.
- Since **1947** OCULUS has educated 253 apprentices as industry mechanics, merchants, opticians, tracers, tool-makers and electronics technicians.
- **1963, 1967, 1983, 1993-94** and **2008** extensive modernization and expansion construction is carried out at the company headquarters.
- The new dispatch, warehouse, assembly and service department is finished in **1999**.
- **2003** the plating department, paint shop and the refraction units assembly move to their new premises.
- **1985** exclusive right contracts are made with Nidek, Japan, for the sale, marketing and service of Nidek products in Germany.
- **1989** OCULUS establishes subsidiaries in Czech Republic, Slovakia and Poland.
- **1999** the OCULUS distribution and service branch office near Seattle in Northern America is found.
- **2007** Oculus opens a subsidiary in Hong Kong.

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Vision Test Apparatus, Vision Test Types

01

Trial Frames, Refraction Equipment

02

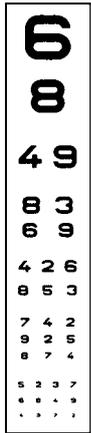
Stereopsis Tests - Occluders, Orth Pleoptic

03

EasyLoupe, Magnifying Spectacles,  
Other Units

04

01  
01



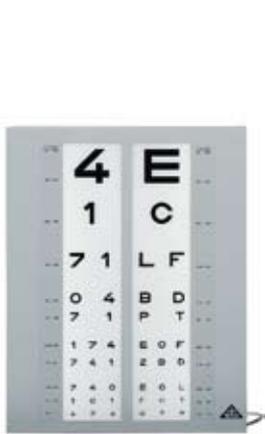
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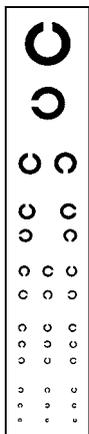
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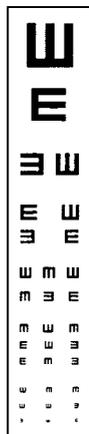
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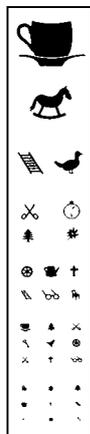
45620



SE 345



SE 355



SE 365

## Illuminated Test Types

45620 Internally full illuminated test cabinet with 2 concealed tubular light fittings each 230V 60W (no. 45650) and cable, with two test type panels by choice.

SE 315: numerals for 5 m

SE 75: mirror writing

SE 325: numerals for 5 m

SE 85: mirror writing

SE 335: letters for 5 m

SE 95: mirror writing

SE 345: Landolt ring for 5 m

SE 355: E-hooks for 5 m

SE 365: pictures for children 5 m

Dim.: 410 x 560 x 105 mm (W x D x H);

weight: 4.2 kg

45650 Spare light tube 230V 60W for 45600/45620

45401 Optotype chart, single

42700 Red/green glasses (not shown in the catalogue)

42710 Red/green in hand-held frame (not shown in the catalogue)

## Colour Vision Tests

- For colour defects
- In four different types
- Book size

47600 Spalvinio matymo testas pagal Ishihara, 24 plokštelės

47640 Colour vision tests by Ishihara, 38 plates

3. 47600 Colour vision tests by Ishihara, 24 plates

47610 Colour vision tests by Ishihara, 14 plates

47620 Colour vision tests by Ishihara, for illiterates, 10 plates

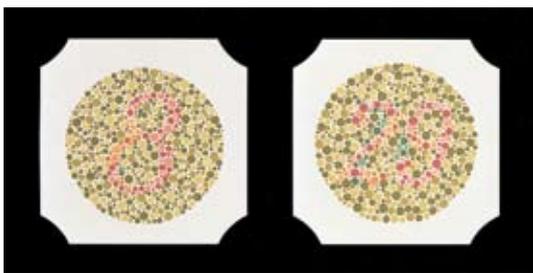
- For examination of colour defects
- 10 charts in book size
- Already available for preschool age

47625 Colour vision tests by Matsubara for children

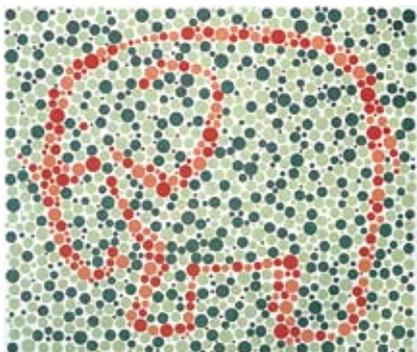
Other colour vision tests

47650 Colour test panel 15 D by Farnsworth (saturated)

47651 Farnsworth colour test 15 HUE (desaturated)



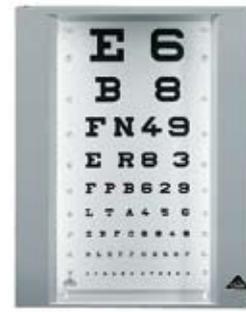
47600



47625

## Oculus Illuminated Test Types

45600 Illumination cabinet with two concealed tubular light fittings no. 45650 ea. 60W, 1 test chart as per choice (46016 to 46926). Only 230V.  
 Size: 410 x 560 x 105 mm (W x D x H); weight: 2.5kg



45600 with 46346

## Visual Acuity Charts For Distance

The version of the visual acuity charts is designated by the last digit of the order no. (3 or 6). When ordering, please add the required last digit to complete the order no. V/A = visual acuity for 5 m test distance (the acuities for 6m test distance are also printed on the charts, except 4693: only 5m).

Version 3 = paper

Version 6 = plastic covered

Size approximately 290 x 490mm

4601. Letters, available in versions 3, 6; V/A 0.125–1.0

4603. Pictures for children available in versions 3, 6; V 0.125–1,0

4606. Numbers, available in versions 3, 6; V 0.125–1,0

4611. Letters, available in versions 3, 6; V 0.1–1.25

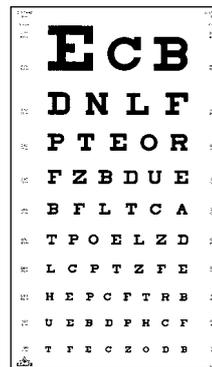
4616. Numbers, available in versions 3, 6; V 0.1–1.25

4634. Numbers/letters, available in versions 3, 6; V 0.125–1.66

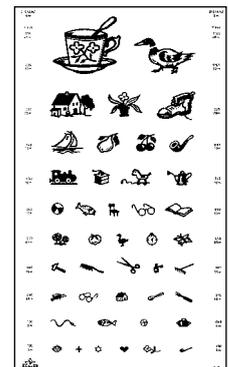
4692. Illiterate E's, available in versions 3, 6; V 0.1–1.0

4693. Pict. f. children by Loehlein, available in versions 3,6; V 0.2–1.0

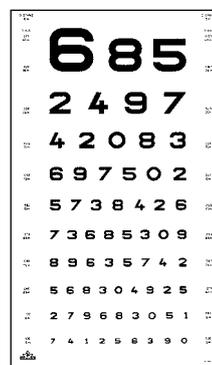
When ordering, please specify the order number complete with the 5<sup>th</sup> digit. (Example: 4601 3 = Letters, paper, norm. writing). Unless otherwise stated we supply version 6: normal print, plastic covered.



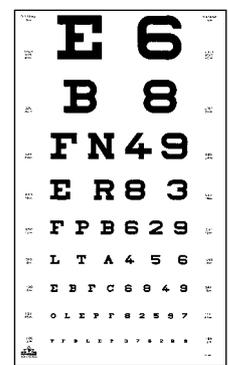
4601



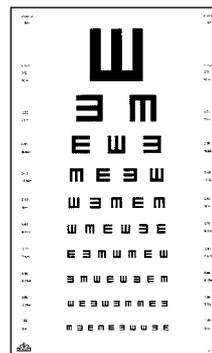
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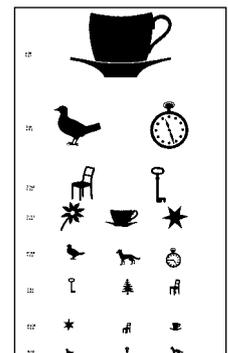
4606



4634



4692



4693



## H-Test

- Eye test for children with musical feedback
- From the age of three, also for children with speech problems

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47300 H-Test, child's visual acuity test, acc. to Hohmann/ Haase for children from the age of three with musical feedback

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47301 Test forms for H-Test (5 x 100 sheets)

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47304 Visual acuity chart for H-Test

- Qualified for examination for children until the age of six

47300

## Bino-Near Vision Tester

**For the examination of all important near-vision functions of the two eyes together and of each eye separately**

- Measurement of the monocular and binocular visual acuity at a distance of 40 cm
- Measurement of the near point position
- Test for near fusion
- Test for near convergence
- Test for near stereoscopic vision
- Test for near accommodation balance

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45900 Near Vision Tester incl. base for the Bino-Near Vision Tester and plug-in power supply unit (without test chart)

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45911 Test chart with 6 tests

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35080 Coloured lens, red

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45902 Spare bulb 6V/3W

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45900



45911

## Visual Acuity Test With Landolt Rings

### For near and distance (C-Test by Haase/Hohmann)

Near vision test consisting of 6 charts with logarithmically stepped visual acuities (40cm reading distance). The feature of this vision test is: the spacing (2 different values) between the optotypes is maintained constant for all visual acuity levels, the smaller spacing value is comparable to text spacing. The direction of the C opening varies on a random basis in each line. The C diminishes in size from line to line and thus the visual effort required increases. This near vision test can also be performed with children who are not able to read.

It is practical to use the demonstrator with Landolt ring:  
Oculus Order No. 46970.



47020

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47020 Visual acuity test (C-test) for near with Landolt rings, set of 6 charts in ring binder, 50 recording charts

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Distance sight test consisting of 3 separate charts (5m reading distance). The charts for distance visual acuity testing feature the same parameters as for near vision, acuities 0.16–1.25

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46966 Visual acuity test for distance (C-test) set of 3 charts, washable, plastic covered.

Size: 320 x 640 mm

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46967 C-test single, chart No. 1 – rows 2.  
6' optotype-spacing

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46968 C-test single, chart No. 2 – rows 17.  
2' optotype-spacing

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46969 C-test single, chart No. 3 – single Landolt rings

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## Near Vision Test Types

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47130 Near vision test, Niden 1–13, Illiterate E's, Landolt rings, newsprint, timetable, notes.  
Matt finish in plastic folder.

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47170 Near vision chart, single E's and Landolt rings  
laminated, single sheet

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47211 Near vision test by Aulhorn  
laminated

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47130

## Universal Trial Frame UB 4

The Universal Trial Frames from Oculus are essential instruments for the refraction.

The top model UB 4 offers:

- Optimized ergonomic operating elements for cylinder-, PD-, noseheight- and ear piece adjustments
- Quick change of the lenses by optimized lensholders
- New material combinations, therefore skin-safe and easy working
- Modern design

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42500 Universal Trial Frame made from light metal/plastic (grey-blue), for five pairs of lenses Ø 38 mm, right/left adjustable PD (48-80 mm), vertex distance scale, height adjustable nose piece, side length and inclination adjustable, flexible bendable ear pieces

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45880 Polarizing filters (analysers) for mounting on the sides of the UB 4, click into place for height adjustment for distance or near examination, swing in and out and rotate (45°/135°), without middle border line

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45881 Polarizing filters (analysers) same as 45880 (90°/180°)

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## Universal Trial Frame UB 3

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42180 Universal Trial Frame made from light metal/plastic (black), for five pairs of lenses Ø 38 mm, right/left adjustable PD (48-80 mm), vertex distance scale, height adjustable nose piece, side length and inclination adjustable

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45851 Slip-on rotary polarizer (by Hegener), to attach to the trial frame UB 3 (45°/135°)

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## Half-eye Trial Frame

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42580 Half-eye trial frame made from light metal/plastic (grey), for three pairs of lenses Ø 38 mm, adjustable PD (59-67 mm), fixed bridge, side length adjustable

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42588 Half-eye trial frame same as 42580 but with adjustable bridge

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42480 Half-eye trial frame for children made from light metal/plastic (grey), for three pairs of lenses Ø 38 mm, adjustable PD (54-58 mm), fixed bridge, side length adjustable

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42488 Half-eye trial frame for children same as 42480, with adjustable bridge

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42500



42500 with  
45880



42180



42580

## Single Trial Lenses For UB 4, UB 3 And Half-eye Trial Frames

Please specify the exact D-power on your order.

34080	Plano and sph. up to 10 D, 38 mm
34081	Plano and sph. up to 10 D, coated, 38 mm
34180	Sph. more than 10 D, 38 mm
34181	Sph. more than 10 D, coated, 38 mm
34280	Cyl. up to 6 D (axis 90°)*, 38 mm
34281	Cyl. up to 6 D, coated (axis 90°)*, 38 mm
34380	Prisms up to 10 D (base 0°)*, 38 mm
34381	Prisms up to 10 D, coated (base 0°)*, 38 mm
34480	Prisms more than 10 D (base 0°)*, 38 mm
34481	Prisms more than 10 D, coated (base 0°)*, 38 mm
	red lens, 38 mm
	green lens, 38 mm
	Plano with cross hair, 38 mm
	Pinhole disc 1.25 mm, 38 mm
	Pinhole disc 2.00 mm, 38 mm
	Stenopaic slit 1.25 mm, 38 mm
	Frosted disc, 38 mm
	Maddox-rod, red, 38 mm
	Maddox-rod, green, 38 mm
	Maddox-rod, white, 38 mm
	Occluder disc
35170	Dark red lens (metal rim), 38 mm
34670	Bagolini lenses (metal rim), pair, 38 mm
35890	Occluder on handle ("Covertest")

\* Further information about axis positions and bases upon request.



42588



35890

## Trial Lens Case BK F

33120 Trial lens case type BK F, case with fixed tray and handle, without trial frame

Contents:

- 2 pairs each +sph 0.12
- 2 pairs each -sph 0.12
- 2 pairs each -cyl 0.12 axis 0°
- 2 pairs each -cyl 0.12 axis 45°
- 2 pairs each -cyl 0.12 axis 90°
- 2 pairs each -cyl 0.12 axis 135°

Dimensions: 139 x 58 x 85 mm (W x D x H)

Weight: 344 g



33120

## Oculus Trial Case BK 1

Our trial cases are supplied with broad-rimmed, plastic mountings, diameter **38mm** (lens diam. 21mm plano-concave, plano-convex).

33180 Trial Lens Case Type BK 1/T, table version, grey-white with roll-top, without trial frame  
Contents:

- 35 pairs each +/-sph. 0.12-20 D
- 17 Paar pairs each +/-cyl. 0.25-6 D
- 10 prism lenses
- 2 coloured lenses
- 2 plano with cross hair
- 1 occluder
- 1 plano lens
- 1 pinhole disc 1.25 mm
- 1 stenopaic slit 1.25 mm
- 1 maddox cylinder red
- 1 frosted lens

Dimensions: 475 x 578 x 155 mm (W x D x H)

Weight: approximately 7.5 kg

331801 as 33180, coated lenses

33181 Trial Lens Case as 33180 but without convex cylinder lenses

331811 same as 33181, coated lenses

33184 Trial Lens Case Type BK 1/T without lenses, with tray

33280 Trial Lens Case Type BK 1/W, wall mounted trial lens case, grey-white with roll-top, without trial frame  
Contents:

same as 33180 (Typ BK 1/T)

Dimensions: 475 x 578 x 155 mm (W x D x H)

Weight: approximately 7.5 kg

332801 as 33280, coated lenses

33281 Trial Lens Case as 33280, but without convex cylinder lenses

332811 same as 33281, coated lenses

33284 Trial Lens Case Type BK 1/W without lenses, with tray

33182 Trial Lens Set BK 1 without tray

331821 same as 33182, coated lenses

33183 Trial Lens Set BK 1 without convex cylinders lenses, without tray

331831 same as 33183, coated lenses

33185 Tray for BK 1

Dimensions: 401 x 545 x 36 mm (W x D x H)



33280

## Trial Lens Cases BK2

33480 Trial Lens Set Case BK 2, carrying case made of beech wood with secured tray, without trial frame

Contents:

20 pairs each +/-sph. 0.25–12 D

10 pairs each +/-cyl. 0.25–3 D

5 prism lenses

2 coloured lenses

1 occluder

1 pinhole disc, 1.25

1 maddox cylinder red

Dimensions: 255 x 378 x 55 mm (W x D x H)

Weight: approximately 2 kg

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334801 same as 33480, coated lenses

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33481 Trial Lens Case as 33480 but without convex cylinders

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334811 same as 33481, coated lenses

---

33482 Trial Lens Set BK 2, 130 lenses, without tray

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334821 same as 33482, coated lenses

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33483 Trial Lens Set BK 2, but without convex cylinders, without tray

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334831 same as 33483, coated lenses

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33484 Trial Lens Case Type BK 2 without lenses, with tray

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33485 Tray for BK 2

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Dimensions: 234 x 357 x 23 mm (W x D x H)

It is possible to place an order for single lenses.

## Lens Case With Prism Lenses

33106 Transportation case with tray

72 prism lenses 0.25–20 D in four different bases (45° / 135° / 225° / 315°), all lenses are coated

Dimensions: 255 x 378 x 55 mm (W x D x H)

Weight: approximately 2 kg

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33107 Prism trial lens set, coated, same as 33106, without tray and case

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33108 Tray for prism trial lens set

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33109 Prism lens case, without lenses, without tray

It is possible to place an order for single lenses.



33480



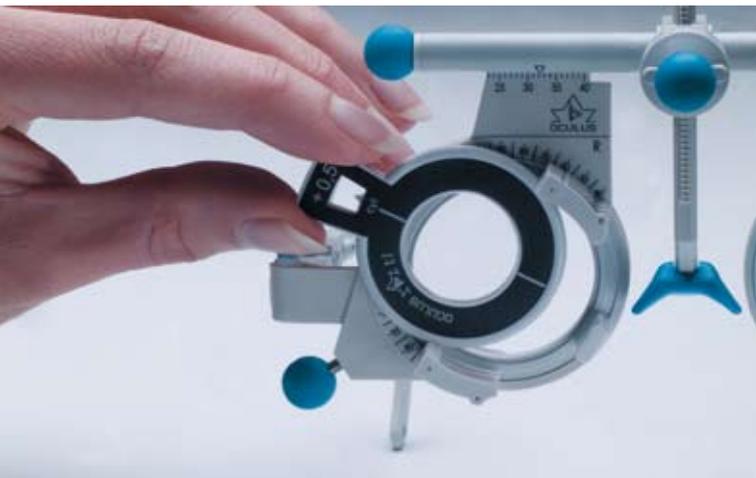
33106

## Trial Lens Cases BK X/O



33101

- 33101 Trial Lens Case type BK X/O (by Kochniss), grey-white with roll-top, without convex cylinder lenses, coated
- Contents:
- 56 pairs each +sph. 0.25 – 20 D
  - 45 pairs each –sph. 0.25 – 20 D
  - 20 pairs each –cyl. 0.25 – 6.0 D axis positions for 0° left and 0° right
  - 20 pairs each –cyl. 0.25 – 6.0 D axis positions for 135° left and 45° right
  - 20 pairs each –cyl. 0.25 – 6.0 D axis positions for 90° left and 90° right
  - 22 pairs each prism lenses (bases for outside or above; 135° left/45° right) 0.25 – 20 pD
  - 22 pairs each prism lenses (bases for inside or down; 315° left/225° right) 0.25 – 20 pD
- Special lenses:
- 1 occluder
  - 2 plano lenses
  - 1 pinhole disc 1.25 mm
  - 1 pinhole disc 2.00 mm
  - 1 frosted lens
  - 2 x sph. +0.37 D (for Gradal RD-lenses from Zeiss) each 1 x +0.25 D and +0.5 D
  - each 1 x -0.25 D and -0.5 D
- Dimensions: 485 x 595 x 390 mm (W x D x H)
- Weight: approximately 19,8 kg;  
angle of inclination 28°



By division of the cylindric lenses in different axis positions, the grips are always R/L outside on top during the refraction. It is possible to change the lenses while polarizing filters are attached.

Note: The arrangements of the axis positions are also effective for the prisms bases!

33103 Trial lens set X/O without convex cylinder lenses, without tray

33104 Trial lens case X/O without lenses, with tray

## Universal Trial Frame UB 5

42550 Universal trial frame for small heads made from light metal/plastic, (grey with different coloured adjusters), for five pairs of lenses Ø 28 mm, right/left adjustable PD (40-72 mm), vertex distance scale, height adjustable nose piece, side length and inclination adjustable, flexible, bendable ear pieces

45884 Polarizing filters (analysers) for mounting on the sides of the UB 5, click into place for height adjustment for distance and near examination, flip up and down and rotate (45°/135°), without middle border line

45885 Polarizing filters (analysers) for mounting on the sides of the UB 5, click into place for height adjustment for distance and near examination, flip up and down and rotate, adjustable from 0°/90°, without middle border line

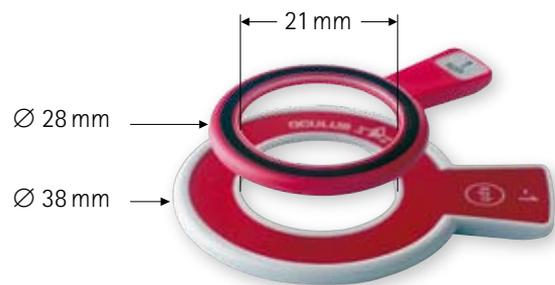


## Single Trial Lenses For UB 5

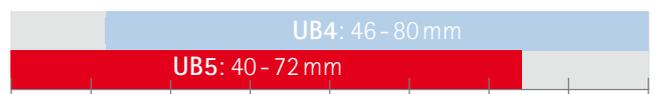
Please specify the exact D-power on your order.  
Single trial lenses, please see separate order sheet

- 34090 Plano and sph. up to 10 D, 28 mm
- 34091 Plano and sph. up to 10 D, coated, 28 mm
- 34190 Sph. more than 10 D, 28 mm
- 34191 Sph. more than 10 D, coated, 28 mm
- 34290 Cyl. up to 6 D (axis 90°)\*, 28 mm
- 34291 Cyl. up to 6 D, coated (axis 90°)\*, 28 mm
- 34390 Prisms up to 10 D (base 0°)\*, 28 mm
- 34391 Prisms up to 10 D, coated (base 0°)\*, 28 mm
- 34490 Prisms more than 10 D (base 0°)\*, 28 mm
- 34491 Prisms more than 10 D, coated (base 0°)\*, 28 mm
- red lens, 28 mm
- green lens, 28 mm
- Plano with cross hair, 28 mm
- Pinhole disc 1.25 mm, 28 mm
- Pinhole disc 2.00 mm, 28 mm
- Stenopaic slit 1.25mm, 28 mm
- Frosted disc, 28 mm
- Maddox-rod, red, 28 mm
- 35170 Dark red lens (metal rim), 28 mm
- 34670 Bagolini lenses (metal rim), pair
- Occluder disc, 28 mm
- 35890 Occluder on handle ("Covertest")

\* Further information about axis positions and bases upon request.



→ Comparison of UB5- with standard lenses



→ Comparison of PD-adjustment ranges of UB 4 + UB 5

## Trial Lens Cases BK S1

The diameter of the lenses BK S-Set is **28 mm**  
(lens diameter 21 mm)



33190

33190 Trial lens case type BK S1/T, table version in grey-white, with roll top, without trial frame

Contents:

35 pairs each +/- sph 0.12-20 D

17 pairs each +/- cyl 0.25-6 D

10 prism lenses

2 coloured lenses

2 plano with cross hair

1 occluder

1 plano lens

1 pinhole disc 1.25 mm

1 stenopaic slit 1.25 mm

1 maddox cylinder red

1 frosted lens

Dimensions: 475 x 578 x 155 mm (W x D x H)

Weight: approximately 8 kg

331901 same as 33190, coated lenses

33191 Trial lens case same as 33190, without convex cylinder lenses

331911 same as 33191, coated lenses

33197 Trial lens case type BK S1/W, wall-mounted case in grey-white, with roll top, without trial frame

Contents: same as 33190 (type BK 1/T)

Dimensions: 155 x 578 x 475 mm (W x D x H)

Weight: approximately 8 kg

331971 same as 33197, coated lenses

33198 Trial lens case same as 33197, without convex cylinder lenses

331981 same as 33198, coated lenses

33192 Trial lens set BK S1, without tray

331921 same as 33192, coated

33193 Trial lens set BK S1, without convex cylinder lenses, without tray

331931 same as 33193, coated lenses

33194 Trial lens case type BK S1 without contents, without lenses, with tray

33195 Tray for BK S1

Dimensions: 359 x 397 x 28 mm (W x D x H)



## Trial Lens Cases BK S2

33490 Trial lens case type BK S2, case with fixed tray and handle, without trial frame

Contents:

20 pairs each +/- sph 0.25-12 D

10 pairs each +/- cyl 0.25-3 D

5 prism lenses

2 coloured lenses

1 occluder

1 pinhole disc 1.25 mm

1 maddox-cylinder red

Dimensions: 255 x 378 x 55 mm (W x D x H)

Weight : approximately 2 kg

334901 same as 33490, coated lenses

33491 Trial lens case same as 33490, without convex cylinder lenses

334911 same as 33491, coated lenses

33492 Trial lens set BK S2, without tray

334921 same as 33492, coated lenses

33493 Trial lens set BK S2, without convex cylinder lenses, without tray

334931 same as 33493, coated lenses

33494 Trial lens case type BK S2, without lenses with tray

33495 Tray for BK S2

Dimensions: 357 x 234 x 30 mm (W x D x H)



33490

## Prism Lens Case type BK S

33116 small wooden case with tray,

72 prism lenses 0.25-20 D in four different bases (45° / 135° / 225° / 315°) all lenses coated

Dimensions: 205 x 200 x 54 mm (W x D x H)

Weight: approximately 2 kg

33117 Prism lens set S, coated, same as 33116 without tray and case

33118 Tray for prism lens set; also fits in BK S1

It is possible to place an order for single lenses.



33116

## Trial Lens Cases BK S3



33501

33501 Trial lens case type BK S3, case with fixed tray and handle, without trial frame

Contents:

32 pairs each +sph 0.12-14 D

32 pairs each -sph 0.12-15 D

16 pairs each -cyl 0.25-5 D

11 pairs each prism lenses

0.25-12D base 0° and 180°

2 coloured lenses

2 planos with cross hair

1 occluder

1 plano lens

1 pinhole disc 1.25 mm

1 stenopaic slit, 1.25 mm

1 maddox-cylinder red

1 frosted lens

Dimensions: 255 x 378 x 55 mm (W x D x H)

Weight: approximately 2.43 kg

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335011 same as 33501, coated lenses

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33503 Trial lens set BK S3, without tray

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335031 same as 33503, coated lenses

---

33504 Trial lens case type BK S3, without lenses, with tray

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33505 Tray for BK S3

Dimensions: 234 x 357 x 32 mm (W x D x H)

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### Retinoscopy Racks / -Mirror

- 49700 Retinoscopy mirror, Ø 45 mm

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- 48110 Retinoscopy racks with slider (by Trousseau), in racks of light metal and strengthened synthetic plastic material, set consists of 2 racks, plus and minus from 0.5 D - 10 D in half diopter steps, from 10 - 20 D in 1 D steps, in case

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49700



48110

### Sphere-balance With Handle, Coated

- 36610 sph +/- 0.12 D

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- 36620 sph +/- 0.25 D

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- 36640 sph +/- 0.50 D

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36620

### Balance Rack

- 36600 Sphere-balance rack, sph +/- 0.25 and +/- 0.50 D

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36600

### Vario-Cross-Cylinder

- 36730 Vario-cross-cylinder (by Reiner), with power changes +/- 0.25 D and +/- 0.50 D, special coating

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36730

### Cross Cylinder, With Handle, AR-coated

- 36710 +/- 0.12 D

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- 36720 +/- 0.25 D

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- 36740 +/- 0.50 D

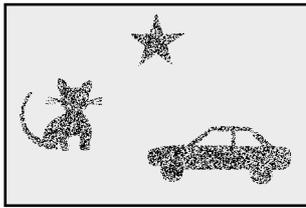
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- 36780 +/- 1.00 D

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36720



50700



50920



50930



50950



43980



43990

## Stereopsis Tests

### 1. 50700 Lang Stereotest I

50702 Lang Stereotest II (no pictures available)

50703 Lang Fixation Cube (no pictures available)

50704 Lang Fixation Stick (no pictures available)

50920 Stereotest TNO, a test that excludes any simulation of stereoscopic vision. Suitable for infants as well as for adults. Including three screening test charts, one suppression test, six tests for quantitative testing. With green/red spectacles.

50921 Green-red spectacles for TNO Test

50930 Randot Stereotest, Polarised Random-Dot tests for children and adults including qualitative tests, with pol. spectacles

Stereoskopinio matymo testas "Musė" su poliarizaciniais akiniais,

### 2. 50940 Stereotest "Fly" with pol. specs

50950 Stereotest "Butterfly" with pol. specs

50941 Spare spectacles for pol. stereotest

50942 Easy pol. spectacles for children

## Occluder

43980 Occluder with air vents and small suction cup, made from a material especially non-irritant to the skin. It is super elastic and seldom requires special fitting to the face.

43990 Occluder, as above, small model, 3/pack

## Plastic Prism Bars

- 44010 Plastic prism bars, complete with case:  
 Horizontal 1, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 25, 30, 35,  
 40 D and additional single 45 D  
 Vertical 1, 2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 25 D  
 and additional single 30 D
- 
- 44011 Prism bar, horizontal 1-40 D, with case
- 
- 44012 Prism bar, vertical 1-25 D, with case

## Single Prisms

- 44020 Single prisms, plastic, rounded shape.  
 Complete set in case  
 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 25, 30,  
 35, 40, 45, 50 D and red lens

## Demonstrators

- 46970 Demonstrator with Landolt ring
- 
- 46980 Demonstrator with illiterate E

## Others

- 42770 Bagolini lenses in hand-held lorgnette,  
 axis 45° and 135°
- 
- 42771 as 42770, axis 90° and 180°
- 
- 36870 Dark red glass on handle

## Maddox Cross

- 43700 Maddox Cross, light metal, in sections, with central  
 light 9 V 0.35 A, washable Astralon scales for 5 m and  
 1 m test distance, switch and plug transformer 230 V.
- 
- 43703 as above, 110 V
- 
- 43710 Spare bulb for 43700 and 43680



44010



44020



46970



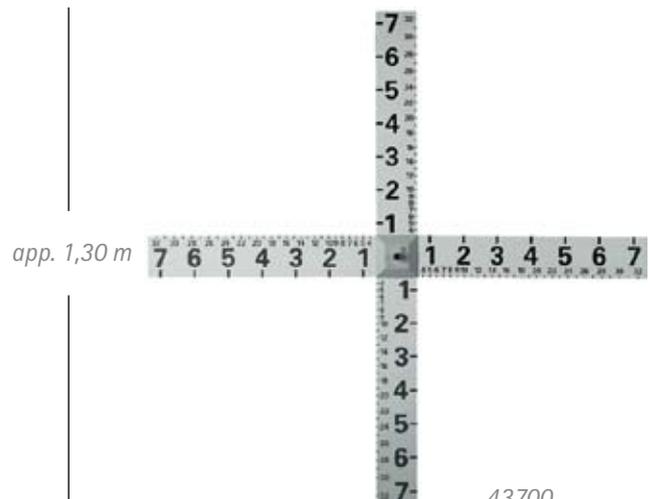
46980



42770



36870



app. 1,30 m

43700

## Easyloupe

The approved, design-award winning Magnifying Loupe from Oculus

- Magnifying loupe for professional or free time use
- In two versions:
  - 1.) 1.8x magnification with a working distance of 370 mm and a working field of 90 mm
  - 2.) 2.5x magnification with a working distance of 400 mm and a working field of 80 mm
- PD individually adjustable (50-75 mm)
- Fixed convergence angle
- High depth of field, sharp and bright image
- Bows with spring-hinges are available in two different lengths (95mm and 105 mm)
- Flexible ear pieces
- Feather light
- Modern design (Reddot award winner in the year 2001)
- Incl. a well-designed solid case and a microfibre cleaning cloth

39725/26



39725/26



reddot award

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39720 Easyloupe 1.8x, side length 105mm, incl. solid case and a cloth cleaning tissue

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39721 Easyloupe 1.8x, side length 95mm, incl. solid case and a cloth cleaning tissue

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39725 Easyloupe 2.5x, side length 105mm, incl. solid case and a cloth cleaning tissue

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39726 Easyloupe 2.5x, side length 95mm, incl. solid case and a cloth cleaning tissue

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## Magnifying Spectacles, Other Products

- Coated and colour-corrected optical system
- Slip-on objectives and additional objectives for 1.8x, 2.0x and 2.5x magnification
- Convergence angle and PD individually adjustable
- Swivel-mounted oculars
- A large (54/18 mm) or a small (52/18 mm) metal frame enables to insert either Correction lenses or protection lenses

(\*glass length/nose bridge width)

## Magnifying Spectacles

39750 Binocular Loupe 1.8 x, on large metal frame

39751 As above with near portion adapters

39752 Binocular Loupe 1.8 x, on small metal frame

39753 As above with near portion adapters

39756 Magnification unit 1.8 x

39757 As above with near portion adapters

39770 Binocular Loupe 2.5 x on large metal frame

39771 As above with near portion adapters

39772 Binocular Loupe 2.5 x on small metal frame

39773 As above with near portion adapters

39776 Magnification unit 2.5 x

39777 As above with near portion adapters

39780 Binocular Loupe 2.5 x/300, large metal frame

39781 Binocular Loupe 2.5 x/300, large metal frame with near portion adapters

39782 Binocular Loupe 2.5 x/300, small metal frame

39783 Binocular Loupe 2.5 x/300, small metal frame with near portion adapters

39786 Magnification unit 2.5x/300

39787 As above with near portion adapters

39620 Binocular Loupe 1.8 x on headband

39625 Binocular Loupe 2.5 x on headband



39750



39770



39756



39757



39620



39680



39670

## Accessories

39680 Slip-on objectives to increase 1.8x to 2.0x, pair

39670 Slip-on objectives to increase 1.8x to 2.5x, pair

39790 Case for binocular loupe on frame and one pair of slip-on lenses

For further information about working distance, field of vision diameter and weights see our separate brochure or contact us at [www.oculus.de](http://www.oculus.de)



## Mirror-Exophthalmometer

52400 Veidrodis-Egzofthalmometras pagal Hertel

4.

52400 Mirror-Exophthalmometer, acc. to Hertel

52401 Mirror-Exophthalmometer, acc. to Naugle

## Nystagmus Spectacles

42902 Nystagmus spectacle acc. to Frenzel, Battery operated

42903 Nystagmus spectacle acc. to Frenzel, 4V AC

51210 Trafo for Nystagmus spectacle

42930 Spare bulb 4V, custom-packed 3 pieces

## Corneal Miller

53190 Corneal miller for removing rust rings, for the treatment of Herpes Simplex and Pterygium Internum. With 2 milling inserts of stainless steel, switch for right- and left rotation and integrated rectifier. Battery operated with 1.5V dry battery. With set of stainless steel milling tools (2 pieces).

53210 Replacement set of stainless steel milling tools (2 pieces)

## Pinhole Goggles

42820 Pinhole goggles with adjustable PD. Plastic shields can be disinfected with alcohol. An extremely light pinhole goggle which can be easily adjusted.

## Schiötz Tonometer

52500 Schiötz Tonometer, officially calibrated, with footplate, plunger and holder, pointer and scale, 5.5, 7.5 and 10 g weights, complete with calibration plate. All in chrome coated stainless steel.

## Slit Lamp – Condensing Lenses

Wide range of contact and non-contact lenses for diagnostic, laser and surgical treatment available.  
We are distributor of the most relevant lens manufacturers.

## Ocular Instruments

The below given diameters are contact diameters of the Ocular Instrument lenses

39026	OG3MA three mirror contact lens Ø 18 mm
39014	OMRA-WF Mainster Ø 16 mm
39058	OAYA Abraham capsulotomy Ø 18 mm
39052	OG3M three mirror contact lens Ø 18 mm

## Volk

39494	Volk 20 D autoclavable Perma View lens
39495	Volk 28 D autoclavable Perma View lens
39470	Volk Superfield NC
39478	Volk 78 D lens Ø 31 mm
39490	Volk 90 D lens Ø 21,5 mm
39458	V3MIR three mirror contact lens

Further information on other Volk and Ocular Instruments lenses upon request.



39026



39014



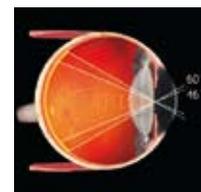
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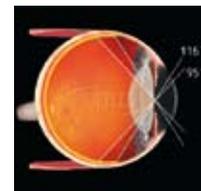
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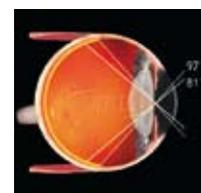
39494  
and 39495



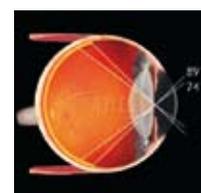
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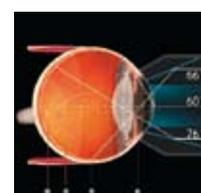
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39490



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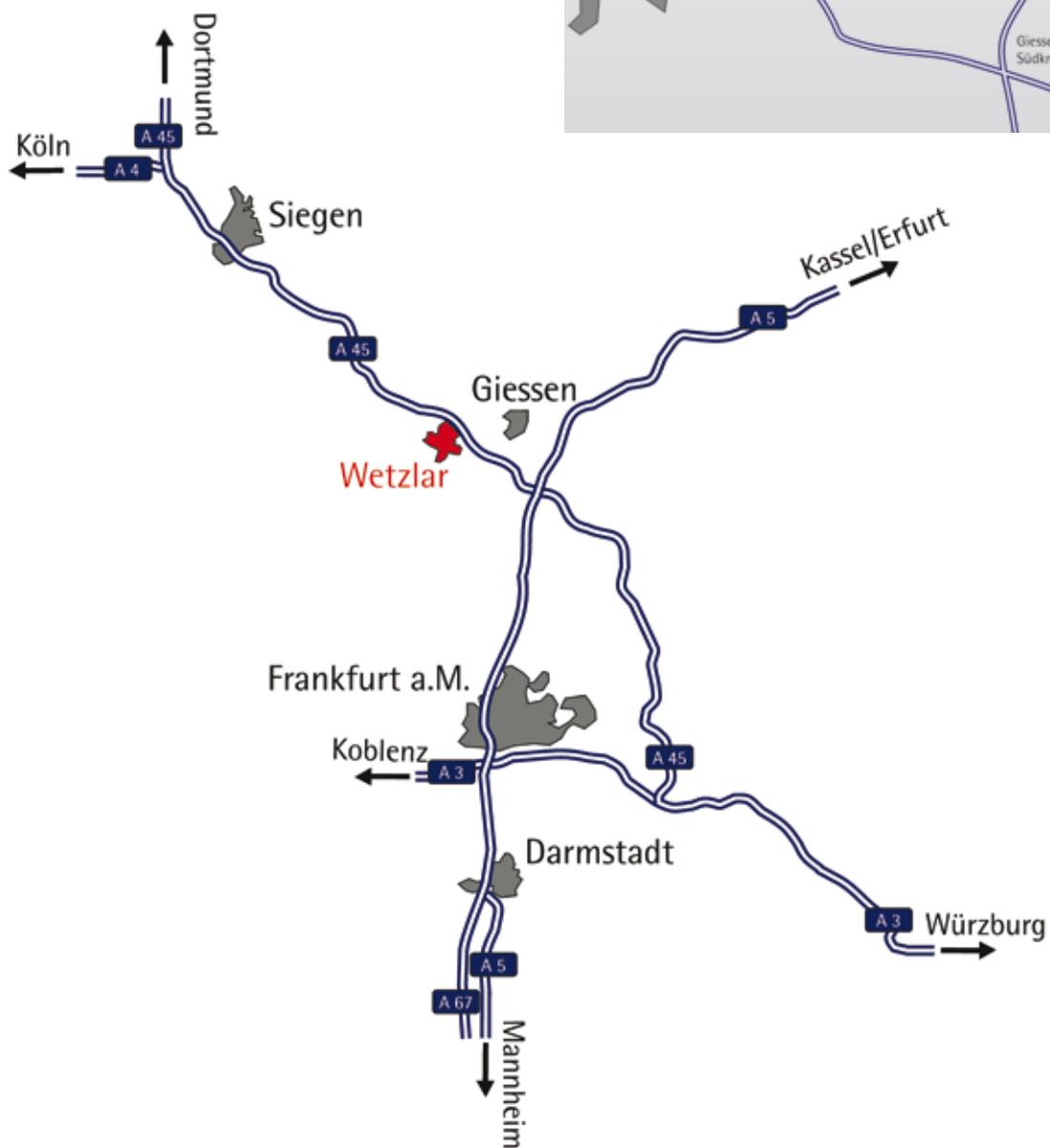


## Our location

### Directions:

Coming from the freeway A45 you exit at "Wetzlar Süd" (Exit No. 31). There, follow direction "Gießen/Dutenhofen". In Dutenhofen you follow about 600m the main street ("Wetzlarer Straße") and then turn right into the "Münchholzhäuser Straße" leading to Münchholzhausen (Please follow the Oculus sign). You find our factory after further 500 m on the left side.

### Map:





## Our sales departments

 **OCULUS Head Office**  
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Münchholzhäuser Str. 29 • 35582 Wetzlar • GERMANY  
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e-mail: [export@oculus.de](mailto:export@oculus.de) • <http://www.oculus.de>

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[WWW.OCULUS.DE](http://WWW.OCULUS.DE)



Oculus is certified by TÜV according to  
DIN EN ISO 13485:2003/DIN EN ISO 9001:2000

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