

# OPHTHALMIC PRODUCTS

EDITION 2023/2024

## EYESFIRST®

ACCESSORIES  
ADHESIVE FOILS  
BINOCULARITY TESTS  
COLOUR TESTS  
EARLY INTERVENTION  
EYE DRESSINGS  
LOW CONTRAST TESTS  
LOW VISION TESTS  
OCCLUSION EYE PATCHES  
OPHTHALMOSCOPES  
PRISMS  
REFRACTION  
STEREO TESTS  
SURGICAL INSTRUMENTS  
VISUAL ACUITY TESTS  
VISUAL REHABILITATION



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# OPHTHALMIC PRODUCTS

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## Expertise from a single source

Eye products TRUSETAL VERBANDSTOFFWERK GMBH

### EYESFIRST®

#### Comprehensive portfolio for ophthalmology and eye surgery

Under the brand name EYESFIRST®, we offer diagnostic products for professional use in ophthalmology, orthoptics and optometry. EYESFIRST® is also the name of our specialist online shop. In addition, surgeons will find a large selection of surgical instruments and accessories for their surgical needs at our shop.

### ORTOPAD®

#### Premium eye patches for children – and so much more

The development and sale of occlusion eye patches form the cornerstone of our company history. Our ORTOPAD® eye patches have been specially developed for children. Our standards in terms of material and adhesive properties, compatibility and design are equally high. In addition, we support clinics, orthoptic departments and parents with a large number of various motivational articles related to occlusion therapy and have, since 2007, been closely supporting the KARIBU project, an aid project initiated by one of our employees to prevent childhood blindness in Africa.

### TRU-PACK®

#### For more efficiency in the OR

Preparing for operations is one of the most time-consuming activities in the OR. With our tailor-made surgical sets for ophthalmology, we ensure that the surgical team has the right tools at the right time. This reduces preparation times and optimises workflows. TRU-PACK® sets contain all the necessary instruments, drapes, swabs and other accessories – all sterile and professionally packed in a practical package.





## Connect with us!

### We speak Social Media

Social media have fundamentally changed the communication landscape. Not only the private sector, but also companies have shifted a large part of their communication to social networks. We use our social media channels on Facebook, Instagram and Youtube to keep you up to date.

### Anytime and any place

Find out what we get up to, anytime, anywhere. That way, you stay up to date with new products and promotions. You will get to know our company and our products better and can contact us quickly and easily.

### Every brand has a face

A great team stands behind Trusetal Verbandstoffwerk GmbH. Get to know the people who represent our brands and our products and benefit from personal contact and exchange. We deal daily with topics you are interested in and are happy to be there for you.

### Facebook

@Trusetal Verbandstoffwerk GmbH  
@ORTOPAD eye patches  
@TruPodo podiatry

### Instagram

@trusetal.verbandstoffwerk  
@ortopad.eyepatches

### Youtube

@ORTOPADeye patches  
@TruPodo.podiatry



**Join our community –  
we are looking forward to meeting you!**

## ORTOPAD® NEWS

### KARIBU PROJECT

KENYA • CONGO • NIGERIA

We have been supporting the KARIBU project in Kenya since 2007. The aid project of our employee Christiane Paschke focusses on the prevention of childhood blindness through early detection and timely treatment of childhood eye diseases.

After spending several years in Kenya in a teaching position as an orthoptist, Ms Paschke initiated the project together with the Kenyan ophthalmologist Dr Margaret Njuguna. She conducts annual visits to the project sites, where she runs workshops for paediatric staff and ensures that the aid is directly benefitting the children in need.

In addition to the direct assistance we have provided for Kenya over many years, we also support Ms Paschke in her efforts to improve early detection of childhood blindness diseases in other African countries.



Our commitment  
in Africa for the prevention  
of childhood blindness



# Sustainability



## Packaging

We design our packaging for the ORTOPAD® mix to be as sustainable as possible. We do without unnecessary material and prefer to use bamboo cellulose packaging.



## Material

When manufacturing our eye patches, we decided to use bamboo fleece. As a rapidly renewable raw material, bamboo is environmentally friendly. In addition, the fleece is very soft, robust and particularly kind to the skin.



## Shipping

We do not use bubble wrap or Styrofoam for shipping. Among other things, we use packaging chips that are plant-based and thus score points with a positive environmental balance. These chips are biodegradable and can be easily disposed of with organic waste.



# ORTOPAD®

ORTOPAD® eye patches are a safe and gentle way to cover the eye and they will remain in place even during energetic play. They are anatomically designed with age-appropriate sizes to ensure they are an excellent fit, preventing adverse light stimuli from reaching the patched eye.

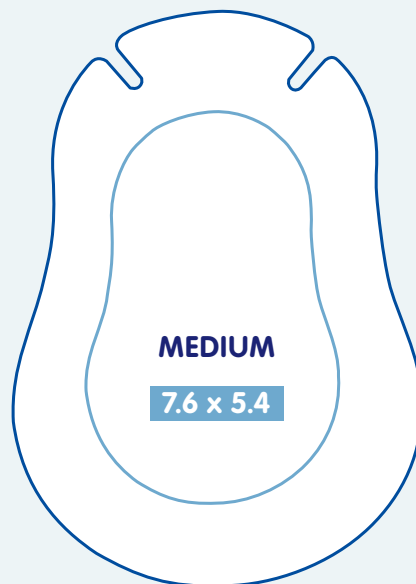


- skin-friendly non-woven bamboo fabric
- breathable
- thin, soft light excluding pad
- ergonomic shape with nasal slits
- hypoallergenic adhesive
- wide selection of motifs

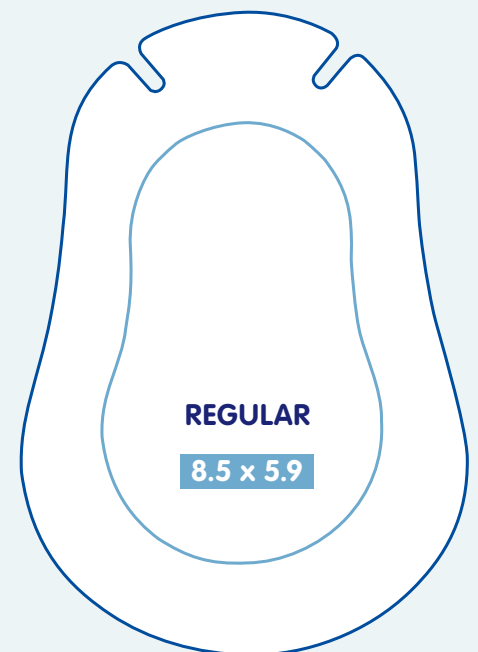
## Illustration of the ORTOPAD® outlines in original size:



up to age 2 years



from age 2 to 4 years



upwards of age 4 years





Sample motifs

## ORTOPAD<sup>®</sup> SOFT boys

Unique texture eye patches appealing to boys with a soft fleece, ergonomic shape, nasal slits, a light-excluding centre pad and a very skin-friendly adhesive.

Junior	67 mm x 50 mm	Qty: 50	<b>Stock code: IN73525</b>
Medium	76 mm x 54 mm	Qty: 50	<b>Stock code: IN73226</b>
Regular	85 mm x 59 mm	Qty: 50	<b>Stock code: IN73227</b>



Sample motifs

## ORTOPAD<sup>®</sup> SOFT girls

Unique texture eye patches appealing to girls with a soft fleece, ergonomic shape, nasal slits, a light-excluding centre pad and a very skin-friendly adhesive.

Junior	67 mm x 50 mm	Qty: 50	<b>Stock code: IN73225</b>
Medium	76 mm x 54 mm	Qty: 50	<b>Stock code: IN73226</b>
Regular	85 mm x 59 mm	Qty: 50	<b>Stock code: IN73227</b>



Sample motifs

## ORTOPAD<sup>®</sup> funpack

Occlusion eye patches with large scale designs for boys and girls. Ergonomic shape, nasal slits and a very skin-friendly adhesive, a lightexcluding centre pad on a soft layer ensure optimal comfort.

Junior	67 mm x 50 mm	Qty: 50	<b>Stock code: US70237</b>
Medium	76 mm x 54 mm	Qty: 50	<b>Stock code: US70238</b>
Regular	85 mm x 59 mm	Qty: 50	<b>Stock code: US70239</b>





Glow in the dark

## ORTOPAD<sup>®</sup> girls

The large scale designs on these occlusion eye patches were created especially to appeal to girls. Five designs with a soft layer, ergonomic shape, nasal slits, a light-excluding centre pad and a very skin-friendly adhesive.

Junior	67 mm x 50 mm	Qty: 50	<b>Stock code: IN73225</b>
Medium	76 mm x 54 mm	Qty: 50	<b>Stock code: IN73226</b>
Regular	85 mm x 59 mm	Qty: 50	<b>Stock code: IN73227</b>



## ORTOPAD<sup>®</sup> boys

The large scale designs on these occlusion eye patches were created especially to appeal to boys. Five designs with a soft layer, ergonomic shape, nasal slits, a light-excluding centre pad and a very skin-friendly adhesive.

Junior	67 mm x 50 mm	Qty: 50	<b>Stock code: IN73325</b>
Medium	76 mm x 54 mm	Qty: 50	<b>Stock code: IN73326</b>
Regular	85 mm x 59 mm	Qty: 50	<b>Stock code: IN73327</b>



Every box includes colourful stickers for decorating the occlusion eye patches.



## ORTOPAD<sup>®</sup>

White occlusion eye patches for use in occlusion treatment. ORTOPAD<sup>®</sup> is made of exceptionally comfortable and breathable fleece, is remarkably soft and especially suitable for use on all sensitive skin types. With light-excluding centre pad and very skin-friendly adhesive.

Junior	67 mm x 50 mm	Qty: 50	<b>Stock code: US70021</b>
Medium	76 mm x 54 mm	Qty: 50	<b>Stock code: US70022</b>
Regular	85 mm x 59 mm	Qty: 50	<b>Stock code: US70024</b>



Every box includes colourful stickers for decorating the occlusion eye patches.



## ORTOPAD<sup>®</sup> Skin

This beige-coloured occlusion eye patch is extremely gentle to skin. The soft fleece offers outstanding comfort and breathability and comes with a special light-excluding centre pad and very skin-friendly adhesive.

Junior	67 mm x 50 mm	Qty: 50	<b>Stock code: US70121</b>
Regular	85 mm x 59 mm	Qty: 50	<b>Stock code: US70124</b>



## Information on the adhesive of ORTOPAD® Occlusion Eye Patches

### PROPERTIES

The adhesive dressings of the MASTER-AID® product family, to whom ORTOPAD® Eye patches belong, are produced using an adhesive without solvent and latex free. These UV-crosslinked pressure-sensitive adhesives are applied by transfer coating and ensure excellent adhesion to the substrate. For the consumer it is especially important that the product, in comparison to other adhesives, therefore does not cause skin irritation and allergies.

### APPLICATION

The pressure-sensitive adhesive is activated only by slight pressure or friction during application. It is then the body temperature which keeps the adhesive properties active. The pressure-sensitive adhesives have optimum adhesive properties, can be removed again painlessly and leave no residue on the skin.

### PROTECTION OF THE ENVIRONMENT

The adhesives in use with our products ensure a clean production process. The coating does not release any solvents that are harmful for the environment or the production staff. These features ensure production of unique dressings that excel in environmental protection as well.



**ORTOPAD®**  
**eye patches**  
For best compliance  
in daily therapy!

**ORTOPAD®**



## Bamboo as carrier material



### FOR THE SAKE OF THE ENVIRONMENT

**Working responsibly with nature and its raw materials is very important to us, even more so as we are a supplier of single-use medical devices. We therefore focus on sustainable, resource-saving production when choosing the materials to be used. Therefore our ORTOPAD® eye patches are made from a soft, sustainable bamboo fleece.**

Bamboo scores high with its positive eco-balance. The processed raw material simultaneously has very good skin compatibility. The patches are soft, yet durable and allow the skin to breathe optimally.

With a growth rate of up to one metre per day, bamboo is one of the fastest-growing and most renewable raw materials in the world. The special thing about it is that after the harvesting of the stalks the plant remains live, because the rootstock repeatedly sprouts anew. This root system with its widely branching runners also prevents soil erosion.

Compared to traditional woods, bamboo produces much more biomass, thanks to its rapid growth with comparatively low energy input. Bamboo also contributes naturally to reduction of the greenhouse effect. Thanks to its rapid growth, bamboo absorbs a considerable amount of CO<sub>2</sub>, whilst producing large amounts of oxygen.

The versatile applicability ultimately make it an ecologically valuable alternative to a variety of resource-scarce raw materials. Therefore we have selected bamboo as the fleece for our eye patches.



# The ORTOPAD selection

**ORTOPAD**  
boys

Boxes of 50  
 large scale designs



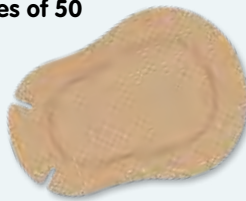
**ORTOPAD**<sup>®</sup>

Boxes of 50



**ORTOPAD**<sup>®</sup> Skin

Boxes of 50



**ORTOPAD**<sup>®</sup> funpack



Boxes of 50

**ORTOPAD**  
girls

Boxes of 50  
 large scale designs



Glow in the dark

**ORTOPAD**<sup>®</sup> SOFT  
boys



Boxes of 50

**ORTOPAD**<sup>®</sup> SOFT  
girls



Boxes of 50

**ORTOPAD**<sup>®</sup> BOYS



Boxes of 50

**ORTOPAD**<sup>®</sup> GIRLS



Boxes of 50



## ORTOLUX®

Sterile, ergonomically contoured self-adhesive eye shield with transparent, unbreakable chamber (11 mm depth). Hypo-allergenic due to a very skin-friendly adhesive. Especially suitable for maintaining a moisture chamber in cases of lagophthalmos and after care for LASIK surgeries. The shield enables a wide visual field.

Chamber size: 47 mm x 30 mm (small), 56 mm x 37 mm (large)

96 mm x 68 mm (small)	Qty: 1	<b>Stock code: 70105</b>
96 mm x 68 mm (small)	Qty: 20	<b>Stock code: 70106</b>
114 mm x 80 mm (large)	Qty: 1	<b>Stock code: 70107</b>
114 mm x 80 mm (large)	Qty: 20	<b>Stock code: 70108</b>



## ORTOLUX® AIR

Sterile, ergonomically contoured self-adhesive eye shield with transparent, unbreakable chamber (11 mm depth) and with peripheral perforation for comfortable aeration of the eye area, without visual field limitation. Especially suitable for post-operative use (e.g. after cataract operations) and for protective care of the eye.

Chamber size: 47 mm x 30 mm (small), 56 mm x 37 mm (large)

96 mm x 68 mm (small)	Qty: 1	<b>Stock code: 70135</b>
96 mm x 68 mm (small)	Qty: 20	<b>Stock code: 70136</b>
114 mm x 80 mm (large)	Qty: 1	<b>Stock code: 70137</b>
114 mm x 80 mm (large)	Qty: 20	<b>Stock code: 70138</b>



## Eye shields

Aerated eye shields, for protective care of the eye and after eye-surgery, transparent.

80 mm x 66 mm	Qty: 1	<b>Stock code: 59011</b>
80 mm x 66 mm	Qty: 125	<b>Stock code: 59012</b>



With nasal slits for better fitting

## OPTOMED®

Sterile, self-adhesive eye compresses. Made of comfortable and breathable non-woven fleece with a thick wound pad and a remarkably gentle adhesive. Suitable for quick and sterile wound care in medical practices and clinics or for after care by patients at home. Also as occluder for visual field examination.

Wound cover: 66 mm x 37 mm

96 mm x 66 mm	Qty: 10	<b>Stock code: 70118</b>
96 mm x 66 mm	Qty: 25	<b>Stock code: 70119</b>



## OPTOMED® SIMPLEX

Sterile, fused edge, non-adhesive eye compresses with outstanding moisture absorbency and a thick wound pad. Also comfortable when wearing glasses and for children. For use in post-operative treatment, with corneal injuries and ointment dressings.

65 mm x 57 mm	Qty: 500	<b>Stock code: 70206</b>
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## ROLLPORE®

White, remarkably soft plaster for highly sensitive skin; with hypoallergenic adhesive. Rolled up on an x-ray translucent plastic ring. The supporting material consists of thin polyester viscose fleece.

5 m x 1.25 cm	Qty: 18	<b>Stock code: 70055</b>
5 m x 2.5 cm	Qty: 12	<b>Stock code: 70056</b>
5 m x 5 cm	Qty: 6	<b>Stock code: 70057</b>



## ROLLSILK®

White silk plaster with hypo-allergenic adhesive rolled up on an x-ray translucent plastic ring. Breathable, easy to tear material.

5 m x 1.25 cm	Qty: 18	<b>Stock code: 70050</b>
5 m x 2.5 cm	Qty: 12	<b>Stock code: 70051</b>
5 m x 5 cm	Qty: 6	<b>Stock code: 70052</b>





With glow effect!

## INJECTION und INJECTION color

All around adhesive injection plaster on a roll. Breathable strip made of soft non woven fleece. Particularly indicated for wound dressing and protection after injection. Hypo-allergenic adhesive, suitable even for sensitive skin of children and seniors.

White	39 mm x 18 mm	Qty: 100	<b>Stock code: 70425</b>
Ladybird beetle	39 mm x 18 mm	Qty: 100	<b>Stock code: 70481</b>
Spooky	39 mm x 18 mm	Qty: 100	<b>Stock code: 70477</b>



## QUADRA<sup>®</sup>MED ROUND/SQUARE

with 0.5 % Chlorhexidindigluconat

The small, white adhesive wound dressings made of soft non-woven fabric are particularly kind to the skin. The antiseptic wound pad effectively supports the prevention and treatment of bacterial wound infections. Both formats are on a roll, hygienically protected in the dispenser box and easy to tear off perforations.

rund	Ø 25 mm	Qty: 150	<b>Stock code: 70074</b>
quadratisch	38 mm x 38 mm	Qty: 100	<b>Stock code: 70075</b>



## CUTIFLEX<sup>®</sup> ROUND/SQUARE

Both small-format adhesive film dressings offer waterproof and visually discreet wound protection. They are individually sealed, rolled (with perforation for tearing off) and hygienically protected in the dispenser box. The polyurethane film allows moisture to pass through unhindered from inside outwards. Two base film layers allow wrinklefree application.

round	Ø 25 mm	Qty: 150	<b>Stock code: 70007</b>
square	38 mm x 38 mm	Qty: 100	<b>Stock code: 70008</b>



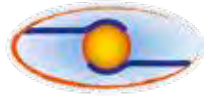
stripe

bone

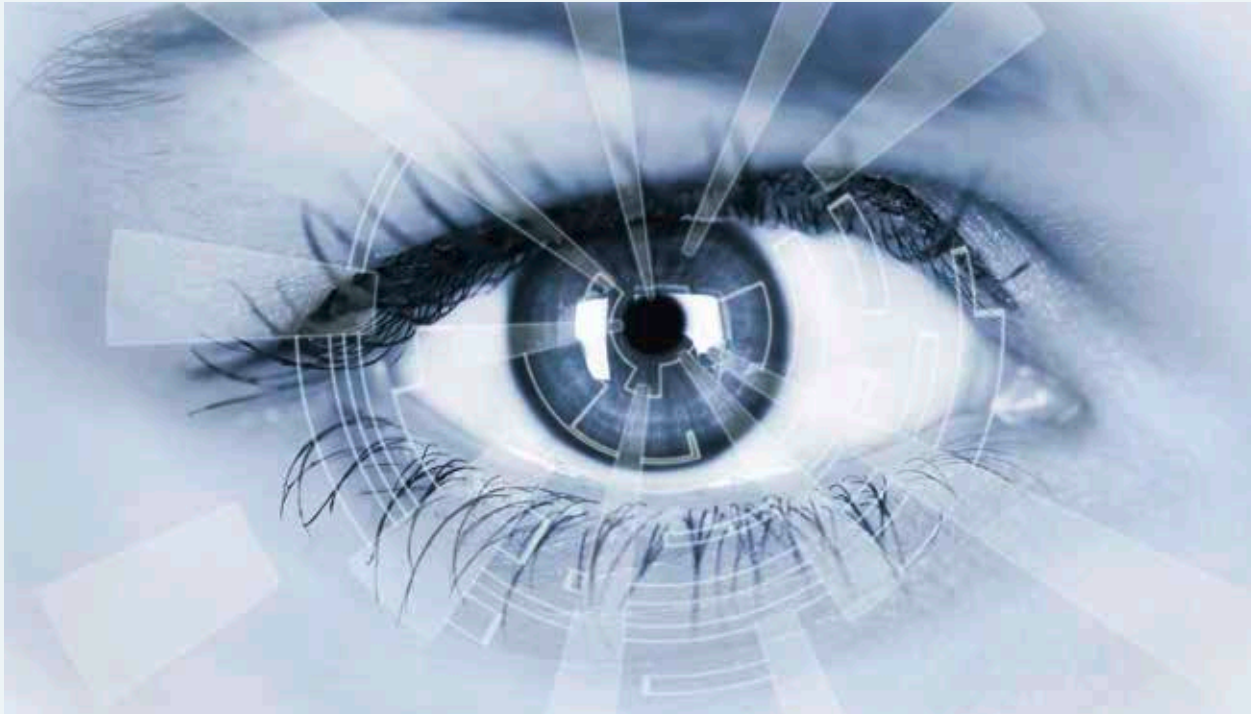
## STERIGRAP<sup>®</sup>

Sterile wound closure strips made of non-elastic supporting fleece. For extremely effective wound closure and to treat lacerations without the need for suturing. Only 2.5 mm (3.5 mm) wide in the middle, ends widened to 8 mm (13 mm). With hypo-allergenic adhesive.

bone	32 mm x 8 mm	Qty: 10	<b>Stock code: 70491</b>
stripe	75 mm x 3 mm	Qty: 10	<b>Stock code: 70492</b>
stripe	75 mm x 6 mm	Qty: 6	<b>Stock code: 70493</b>



From page 86



**CHOPPERS**



**CANNULAS**



**SPECULAE**

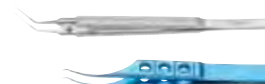


**MANIPULATORS**

**NEEDLE HOLDERS**



**FORCEPS**



**SCISSORS**



**MISCELLANEOUS**

Please find more information also in our online shop: [www.eyesfirst.eu](http://www.eyesfirst.eu)



Each prism foil with marking of base and power

## Adhesive Prism foils

For use in diagnostics and treatment, especially for pre-operative prism compensation and medium-term use with changing angles. High image quality because of high quality plastic support material.

Available power: 1 $\Delta$ , 2 $\Delta$ , 3 $\Delta$ , 4 $\Delta$ , 5 $\Delta$ , 6 $\Delta$ , 7 $\Delta$ , 8 $\Delta$ , 9 $\Delta$ , 10 $\Delta$ , 12 $\Delta$ , 15 $\Delta$ , 17.5 $\Delta$ , 20 $\Delta$ , 25 $\Delta$ , 30 $\Delta$ , 35 $\Delta$

Size: approx. 67 mm x 67 mm

Please specify the desired power when placing your order.

## Adhesive Occlusion foils



For use with amblyopia and strabismus treatment as an alternative to occlusion eye patches (ORTOPAD®) and glassmounted occluders. Especially suitable for treatment of diplopia and for use as gradually reduced occlusion.

Available power:

Full occlusion: beige, neutral grey, blue (patterned). Light perception foils as: light perception, < 0.10, 0.10, 0.20, 0.30, 0.40, 0.60, 0.80

The grades indicate the possible visual acuity through the film (for a reference visual acuity of 1.00 decimal).

Size:

Individual foil sizes blue: approx. 4.3 cm x 5.2 cm

Individual foil sizes (except blue): approx. 5.3 cm x 5.2 cm

Sheet size: approx. 21.5 cm x 10.5 cm

Please specify the desired power when placing your order.



## Adhesive Spherical foils segments

For medium-term use with accommodative strabismus and hypo-accommodation prior to prescription of bifocal glasses. Also suitable for use in treatment of Low Vision.

Available power: +1.25 D, +1.50 D, +1.75 D, +2.00 D, +2.50 D, +3.00 D

Size: approx. 30 mm x 17 mm

Each pack contains two lens segments.

Please specify the desired power when placing your order.



#55401



## Prism Bars

### Prism Bar horizontal (Luneau)

Available power: 1 $\Delta$ , 2 $\Delta$ , 4 $\Delta$ , 6 $\Delta$ , 8 $\Delta$ , 10 $\Delta$ , 12 $\Delta$ , 14 $\Delta$ , 16 $\Delta$ , 18 $\Delta$ , 20 $\Delta$ , 25 $\Delta$ , 30 $\Delta$ , 35 $\Delta$ , 40 $\Delta$   
45 $\Delta$  as individual prism.

Stock code: 55401

#55402



### Prism Bar vertical (Luneau)

Available power: 1 $\Delta$ , 2 $\Delta$ , 3 $\Delta$ , 4 $\Delta$ , 5 $\Delta$ , 6 $\Delta$ , 8 $\Delta$ , 10 $\Delta$ , 12 $\Delta$ , 14 $\Delta$ , 16 $\Delta$ , 18 $\Delta$ , 20 $\Delta$ , 25 $\Delta$   
30 $\Delta$  as individual prism.

Stock code: 55402

#55400



### Prism Bar set (Luneau)

Horizontal and vertical

Power from 1 $\Delta$  to 40 $\Delta$  (horizontal), 1 $\Delta$  to 25 $\Delta$  (vertical) 30 $\Delta$  und 45 $\Delta$  as individual prism.

Stock code: 55400

## Individual Prisms



### Individual prisms rounded (Luneau)

For individual choice.

Available power:

2 $\Delta$ , 4 $\Delta$ , 6 $\Delta$ , 10 $\Delta$ , 12 $\Delta$ , 14 $\Delta$ , 20 $\Delta$ , 50 $\Delta$

Stock code:  
on request



### Individual prisms square (Gulden)

For individual choice.

Available power:

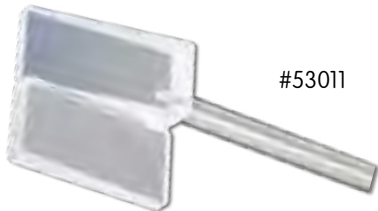
1 $\Delta$ , 2 $\Delta$ , 3 $\Delta$ , 4 $\Delta$ , 6 $\Delta$ , 8 $\Delta$ , 10 $\Delta$ , 12 $\Delta$ , 14 $\Delta$ , 15 $\Delta$ , 16 $\Delta$ , 18 $\Delta$ , 20 $\Delta$ , 25 $\Delta$ , 30 $\Delta$ , 35 $\Delta$ , 40 $\Delta$ , 45 $\Delta$ , 50 $\Delta$

Stock code:  
on request

Please specify the desired power when placing your order.

## Prism Vergence sticks and glasses

#53011



### Prism Vergence sticks 3 $\Delta$ and 12 $\Delta$

For easy vergence testing and treatment.

Stock code: 53011  
(GL 477700)

### Prism Vergence sticks 2 $\Delta$ and 6 $\Delta$

For easy vergence testing and treatment.

Stock code: 53027  
(GL 477702)

#53024



### Prism Vergence glasses

Prism power: 3 $\Delta$  and 12 $\Delta$

Without handle

Stock code: 53024  
(GL 477701)

## Block Prism sets

#55403



**Block Prism set 22, square (Luneau)**

**Stock code: 55403**

Available power:

1/2 $\Delta$ , 1 $\Delta$ , 2 $\Delta$ , 3 $\Delta$ , 4 $\Delta$ , 5 $\Delta$ , 6 $\Delta$ , 7 $\Delta$ , 8 $\Delta$ , 9 $\Delta$ , 10 $\Delta$ , 12 $\Delta$ ,  
14 $\Delta$ , 16 $\Delta$ , 18 $\Delta$ , 20 $\Delta$ , 25 $\Delta$ , 30 $\Delta$ , 35 $\Delta$ , 40 $\Delta$ , 45 $\Delta$ , 50 $\Delta$   
separate red lens

#55404



**Block Prism set 22 rounded prisms (Luneau)**

**Stock code: 55404**

Available power:

1/2 $\Delta$ , 1 $\Delta$ , 2 $\Delta$ , 3 $\Delta$ , 4 $\Delta$ , 5 $\Delta$ , 6 $\Delta$ , 7 $\Delta$ , 8 $\Delta$ , 9 $\Delta$ , 10 $\Delta$ , 12 $\Delta$ ,  
14 $\Delta$ , 16 $\Delta$ , 18 $\Delta$ , 20 $\Delta$ , 25 $\Delta$ , 30 $\Delta$ , 35 $\Delta$ , 40 $\Delta$ , 45 $\Delta$ , 50 $\Delta$   
separate red lens

#55405



**Block Prism set 16 square prisms (Luneau)**

**Stock code: 55405**

Available power:

1/2 $\Delta$ , 1 $\Delta$ , 2 $\Delta$ , 4 $\Delta$ , 6 $\Delta$ , 8 $\Delta$ , 10 $\Delta$ , 12 $\Delta$ , 15 $\Delta$ , 20 $\Delta$ ,  
25 $\Delta$ , 30 $\Delta$ , 35 $\Delta$ , 40 $\Delta$ , 45 $\Delta$ , 50 $\Delta$   
separate red lens



#55406

**Block Prism set 16 rounded prisms (Luneau)**

**Stock code: 55406**

Available power:

1/2 $\Delta$ , 1 $\Delta$ , 2 $\Delta$ , 4 $\Delta$ , 6 $\Delta$ , 8 $\Delta$ , 10 $\Delta$ , 12 $\Delta$ , 15 $\Delta$ , 20 $\Delta$ ,  
25 $\Delta$ , 30 $\Delta$ , 35 $\Delta$ , 40 $\Delta$ , 45 $\Delta$ , 50 $\Delta$   
separate red lens

#55426



**Prism set S-8 square (Gulden)**

**Stock code: 55426**

Available power: je 2 x 5 $\Delta$ , 10 $\Delta$ , 15 $\Delta$ , 20 $\Delta$   
plus 1 red lens

(GL 113080)

#55427



**Prism set 16 pieces square (Gulden)**

**Stock code: 55427**

Available power:

1/2 $\Delta$ , 1 $\Delta$ , 2 $\Delta$ , 4 $\Delta$ , 6 $\Delta$ , 8 $\Delta$ , 10 $\Delta$ ,  
12 $\Delta$ , 15 $\Delta$ , 20 $\Delta$ , 25 $\Delta$ , 30 $\Delta$ , 35 $\Delta$ , 40 $\Delta$ , 45 $\Delta$ , 50 $\Delta$   
plus 1 red lens

(GL 444900)

#55428



**Prism set 22 pieces square (Gulden)**

**Stock code: 55428**

Available power:

1/2 $\Delta$ , 1 $\Delta$ , 2 $\Delta$ , 3 $\Delta$ , 4 $\Delta$ , 5 $\Delta$ , 6 $\Delta$ , 7 $\Delta$ , 8 $\Delta$ , 9 $\Delta$ , 10 $\Delta$ , 12 $\Delta$ ,  
14 $\Delta$ , 16 $\Delta$ , 18 $\Delta$ , 20 $\Delta$ , 25 $\Delta$ , 30 $\Delta$ , 35 $\Delta$ , 40 $\Delta$ , 45 $\Delta$ , 50 $\Delta$   
plus 1 red lens

(GL 444500)

# Paediatric Vision Tests

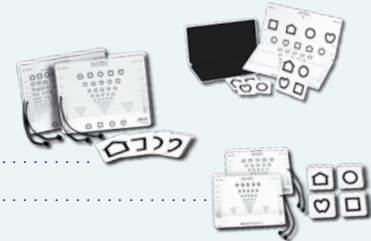
## FAR DISTANCE TESTS

LEA SYMBOLS® – single book	Stock code: 52008	Page 29
LEA SYMBOLS®/Tumbling E Wallchart 15 lines	Stock code: 52035	Page 28
LEA SYMBOLS® – Foldable chart 10 lines	Stock code: 52054	Page 28



## NEAR VISION TESTS

LEA SYMBOLS® card	Stock code: 52016	Page 31
LEA SYMBOLS® / LEA™ NUMBERS® card	Stock code: 52018	Page 31



## STEREO TESTS

LANG Test I-R new edition	Stock code: 54000-R	Page 68
LANG Test II	Stock code: 54001	Page 68
Stereo test "Fly" with LEA SYMBOLS®	Stock code: 54006	Page 69



## COLOUR TESTS

Ishihara colour test 14 plates	Stock code: 56010	Page 70
Waggoner colour test	Stock code: 56015	Page 71



## OPAQUE GLASS OCCLUDERS

Butterfly opaque glass occluder	Stock code: 53009	Page 58
Flip-Up Occluder Glasses (frosted lens)	Stock code: 59598	Page 58
Flip-Up Occluder Glasses (opaque)	Stock code: 59599	Page 58



## OPHTHALMOSCOPES

HEINE K 180® Ophthalmology set	Stock code: 57567	Page 81
HEINE mini 3000® LED-Ophthalmoscope	Stock code: 57556	Page 80



## PAEDIATRIC VISUAL ACUITY SET

Consisting of #52018, #52035, #56015, #53009	Stock code: 52233	Page 33
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[www.eyesfirst.eu](http://www.eyesfirst.eu)

## Fixation Targets

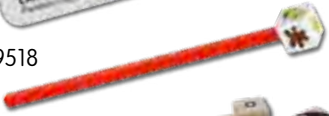
#59513



**LANG Fixation Stick** reciprocally printed, Format: 14.7 cm length

**Stock code: 59513**

#59518



**LANG Fixation Cube** fixation cube with 5 objects for children

**Stock code: 59518**

#59530



**LEA™ Fixation Cube** with LEA™-symbols, black/white

**Stock code: 59530**

#59531



(GL 256400)

**Stock code: 59531**

(GL 256300)

#59595

#59565



**LEA™ Fixation Cube** figures, multicoloured, red handle

**Stock code: 59595**

(GL 731010)

**GOOD-LITE® Fixation Cube** motifs suitable for children, red handle

**Stock code: 59565**

(GL 731011)

#59579



**HOTV Fixation Cube** black handle

**Stock code: 59579**

(GL 542050)

**Bernell Fixation Stick** with red-green suppression test

**Heidi®/fixation paddle, medium**

VA: 0.50 cpcm, Format: Ø 13 cm

**Stock code: 52024**

(GL 253100)

**Heidi®/fixation paddle, small**

VA: 1.00 cpcm, Format: Ø 5 cm

**Stock code: 52025**

(GL 253000)

#52025



#52024

## LEA GRATINGS® tests

#52023



**LEA GRATINGS® – Paddles**

A preferential looking test to determine detection acuity in infants, children and adults with perception difficulties. Contains 4 paddles incl. case.

**Stock code: 52023**

(GL 253300)

VA 0.25 cpcm, 0.50 cpcm, 1.00 cpcm, 2.00 cpcm, 4.00 cpcm and 8.00 cpcm

Format: Ø 20.3 cm

#52089



**LEA GRATINGS® – Acuity-Test**

Allows determination of the distance at which the direction of the grating can be detected. In contrast to the grating paddles, the patient is asked about how he/she perceives the lines over the entire length and width of the test chart.

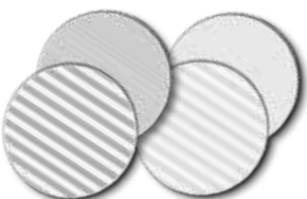
**Stock code: 52089**

(GL 251300)

4 test charts in increments of 8.00 cpcm, 4.00 cpcm, 2.00 cpcm and 0.50 cpcm with demonstration card for the patient.

Format: Ø 20.3 cm

#52051



**LEA GRATINGS® – Contrast Test**

For testing of contrast sensitivity under different contrast levels based on 4 grades (Contrast 10 %: 0.50 cpcm, 8.00 cpcm; Contrast 2.5 %: 0.50 cpcm and 4.00 cpcm). The test serves to determine the distance in which the patient can identify the direction of lines.

**Stock code: 52051**

(GL 253400)

Includes recording forms

Format: Ø 20.3 cm

cpcm = cycles per centimeter of surface

GL = GOOD-LITE® stock code

## Preferential Looking tests

**For the testing of visual acuity of non-verbal children or persons with reduced vision and sensory disorders. Based on the principle of preferential looking.**



#52001

### **Teller Acuity Cards® II**

For the testing of VA in non-verbal children or in subjects with reduced vision and perceptual disorders, with central monitoring hole.

For testing in 1 m / 50 cm.

Contents: 16 plates, Size: 56 cm (width) x 25 cm (height)

**Stock code: 52001**

### **Teller Acuity Cards® II**

Half set with 8 plates

For testing in 1 m / 50 cm.

**Stock code: 52001-H**



#52000

### **Cardiff Acuity Cards – Standard Set** (for age 6 months and older)

Visual acuity test based on the principle of preferential looking.

Contents: 36 plates (B to M), Size: 23 cm (width) x 30 cm (height)

For testing in 1 m / 50 cm.

**Stock code: 52000**

### **Cardiff Acuity Cards – Screening Set**

Contents: 24 plates (LVA to M), Size: 23 cm x 30 cm

For testing in 1 m / 50 cm.

**Stock code: 52092**

### **Cardiff Acuity Cards – Low Vision Set**

Contents: 36 plates (LVA to J), Size: 23 cm x 30 cm

For testing in 1 m / 50 cm.

**Stock code: 52093**

### **Cardiff Low Vision supplementing Cards**

3 additional plates for Low Vision, VA 0.03, 0.039 and 0.05

For testing in 1 m / 50 cm.

**Stock code: 59805**

### **Cardiff Contrast Sensitivity Test**

For the evaluation of contrast sensitivity with toddlers, infants, older children and persons with intellectual and perception impairment.

All plates have images of the same size but in 12 contrast levels.

3 plates each per contrast level are based on the preferential looking principle. Contrast levels from 46 % to 1 %, equivalent to a contrast sensitivity of 2.17 to 100.

Contents: 36 plates, Format: 23 cm x 30 cm

For testing in 1 m / 50 cm.

**Stock code: 52200**



#52200



## Visual Development/Rehab tests

All tests and materials for visual development can also be used with adults suffering from perception difficulties and in visual rehabilitation as well as for Neuro-Orthoptics.



#53509

### LEA MAILBOX GAME®

For assessment of visual recognition of line orientations. Patients with brain lesions may show a discrepancy between the perception of a line orientation alone (mailbox slot) and the combination with hand function (putting the "letter" in the slot).

**Stock code: 53509**  
(GL 254700)

Ø approx. 21.60 cm



#53505

### LEA RECTANGLES GAME®

For the testing of size perception in disabled children. Contains 10 rectangles in 2 colours and 5 sizes with a surface of 10.16 cm<sup>2</sup> each.

**Stock code: 53505**  
(GL 254600)



#53506

### LEA™ Cone Adaptation test

The test does not replace a colour perception test, but allows the assessment of whether definite colour assignment is still possible at reduced luminance levels. The test simulates normal viewing conditions and can be played as a game.

**Stock code: 53506**  
(GL 252900)

Contents: 15 red, blue and white plastic chips

Format: 5 cm x 5 cm



#53504

### LEA SYMBOLS® Playing Cards

Symbols of different sizes for testing of near visual acuity in preschool children in the play situation.

**Stock code: 53504**  
(GL 252500)

Contents: 64 cards with symbols

Card size: 4 cm x 7 cm



#53520

### LEA™ Domino Set

The domino set allows testing near-range vision in a child-oriented manner.

**Stock code: 53520**  
(GL 251500)

Contents: 3 x 16 cards

Size: 4 cm x 7 cm

## Visual Development/Rehab tests

All tests and materials for visual development can also be used with adults suffering from perception difficulties and in visual rehabilitation as well as for Neuro-Orthoptics.



#52022

### LEA 3-D Puzzle®

For training and testing of eye and hand co-ordination. To be used reciprocally.

Symbol size: 5.1 cm x 5.1 cm

Format: 17.2 cm x 17.2 cm

**Stock code: 52022**

(GL 251600)



#52021

### LEA™ Fixation Stick

With LEA SYMBOLS® and fixation targets

To effortlessly practice near vision in young children

VA from 0.16, 0.20, 0.25, 0.33, 0.40, 0.50, 0.66, 1.00 (**40 cm**)

Length: 11.5 cm

**Stock code: 52021**

(GL 486200)



#52011

### LEA™ Single Presentation Cards

30 symbol cards with response plate included

VA from 0.10 to 2.50 (**3 m**)

Format: from 10 cm x 12.7 cm to 12 cm x 12 cm

**Stock code: 52011**

(GL 252700)



#52052

### HEIDI® Expressions Test Game

The test enables early evaluation of vision for communication.

It is particularly useful with children who have multiple disabilities.

Set contains 18 cards.

Format: 10.16 cm x 10.16 cm

**Stock code: 52052**

(GL 254505)



#52026

### HIDING HEIDI® – Low Contrast Test (4 cards)

Playful face test for testing of low contrast vision in infants.

In the contrast levels: black, 25 %, 10 %, 5 %, 2.5 % and 1.25 %

Contents: 4 cards, reciprocally printed

Format: 23 cm x 23 cm

**Stock code: 52026**

(GL 253500)



#52228

### HIDING HEIDI® – Low Contrast Test (7 cards)

In the contrast levels: black, 25 %, 10 %, 5 %, 2.5 % and 1.25 %

Contents: 7 cards, single printed

Format: 23 cm x 23 cm

**Stock code: 52228**

(GL 253510)

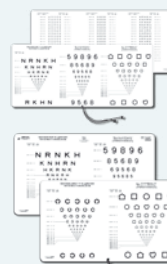




# NEURO-ORTHOPTIC TESTS

## NEAR VISION TEST CHARTS

Near vision test chart 3-1	Stock code: 52095	Page 30
Near vision test chart 4-1	Stock code: 52193	Page 30



## VISUAL FIELD TESTS

Damato-Campimeter	Stock code: 53508	Page 72
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## LEA FIXATION TARGETS HEIDI®

HEIDI®/fixation paddle, format: Ø 13 cm	Stock code: 52024	Page 22
HEIDI®/fixation paddle, format: Ø 5 cm	Stock code: 52025	Page 22



## LOW CONTRAST TEST

HIDING HEIDI® Low Contrast test 4 cards	Stock code: 52026	Page 25
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## LOW CONTRAST RING BINDERS FOR SCREENING

LEA SYMBOLS® – Low Contrast ring binder	Stock code: 52028	Page 51
LEA NUMBERS® – Low Contrast ring binder	Stock code: 52075	Page 51
SLOAN LETTERS – Low Contrast ring binder	Stock code: 52181	Page 51



## LEA GRATINGS®

LEA GRATINGS® – Paddles	Stock code: 52023	Page 22
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## PREFERENTIAL LOOKING TESTS

Teller Acuity Cards® II Stock code: 52001 Page 23

## NYSTAGMUS GLASSES

Nystagmus glasses by Frenzel Stock code: 53516 Page 61

## REFRACTION GLASSES FOR CHILDREN

Tiger refraction glasses +3.00 D Stock code: 57012 Page 63

## COLOUR TEST

LEA™ Panel 16 Stock code: 56014 Page 71

## OKN FLAGS

OKN flag red-white Stock code: 53502 Page 60

OKN flag black-white Stock code: 53519 Page 60

## SIZE PERCEPTION – COMMUNICATION CAPACITY

LEA™ RECTANGLES Game® Stock code: 53505 Page 24

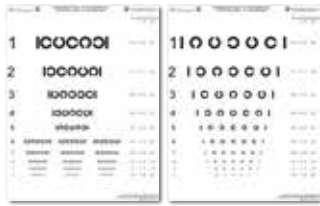
HEIDI® Expressions Test Game Stock code: 52052 Page 25

## ACCESSORIES

Reversible Occluding Glasses Stock code: 57013 Page 76

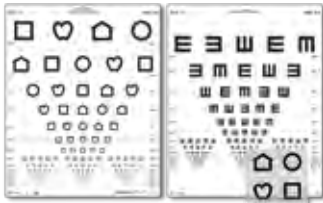
Visual Field Fatigue Diffuser Stock code: 53536 Page 73



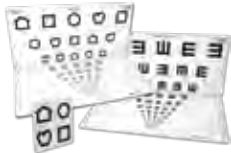


**NEW!**

#52003



#52035



#52251-A

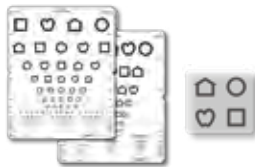


#52054

#52055

**NEW!**

#52230



#52122

#52180



**NEW!**

#52220



#52227

## Far distance tests charts

### C-Test Set of 2 plates for crowding examination (OCULUS®)

**Stock code: 52003**

Visual acuity test (5 m) containing a set of 2 plates with Landolt-rings of different optotype interspacing as well as at a short distance of 2.6" as serial optotypes (OCULUS®), VA: 0.16 to 1.25, Format: 74.5 cm x 57.6 cm

### LEA SYMBOLS®/Tumbling E Wallchart 15 lines

**Stock code: 52035**

Reciprocally printed, response plate included (symbols)  
VA from 0.125 to 2.50 (3 m), Format: 43 cm x 53.4 cm

(GL 252800)

### LEA SYMBOLS®/Landolt-C Wallchart 15 lines

**Stock code: 52045**

Reciprocally printed, response plate included (symbols)  
VA from 0.125 to 2.50 (3 m), Format: 43 cm x 53.4 cm

(GL 252850)

### LEA SYMBOLS® /Tumbling E Wallchart for 4 m / 5 m

**Stock code: 52251**

Reciprocally printed, decimal notation only  
VA from 0.10 to 2.00 (4 m and 5 m), Format: 57 cm x 54.5 cm

(GL 250225)

### LEA SYMBOLS® /Tumbling E Foldable chart for 4 m / 5 m

**Stock code: 52251-A**

Reciprocally printed, decimal notation only  
VA from 0.10 to 2.00 (4 m and 5 m), Format: 57 cm x 54.5 cm

(GL 250224)

### LEA SYMBOLS® – Foldable chart 10 lines

**Stock code: 52054**

VA from 0.125 to 1.25 (3 m), Format: 40.6 cm x 40.6 cm  
With response plate

(GL 250250)

### LEA SYMBOLS® – Wall chart 10 lines

**Stock code: 52254**

VA from 0.125 to 1.25 (3 m), Format: 40.6 cm x 40.6 cm  
With response plate

(GL 250220)

### LEA SYMBOLS® – Foldable chart 15 lines

**Stock code: 52055**

VA from 0.125 to 2.50 (3 m), Format: 43 cm x 53.4 cm  
With response plate

(GL 250150)

### LEA SYMBOLS® – Foldable chart, Optotype interspacing 100 % / 25 %

**Stock code: 52230**

Reciprocally printed, for testing of crowding-phenomenon  
VA from 0.10 to 2.50 (3 m), Format: 43 cm x 54 cm  
Response plate and cards included

(GL 250160)

### LEA Numbers® – Foldable chart 15 lines

**Stock code: 52122**

VA from 0.125 to 2.50 (3 m), Format: 43 cm x 53.4 cm

(GL 271100)

### SLOAN letters – Foldable chart

**Stock code: 52180**

VA from 0.125 to 2.50 (3 m), Format: 45.7 cm x 45.7 cm

(GL 735000)

### Landolt-C – Foldable chart, Optotype interspacing 100 % / 25 %

**Stock code: 52220**

8 positions, reciprocally printed  
VA from 0.10 to 2.50 (3 m), Format: 45.7 cm x 45.7 cm

(GL 779200)

### Landolt-C – Wallchart, Optotype interspacing 100 % / 25 %

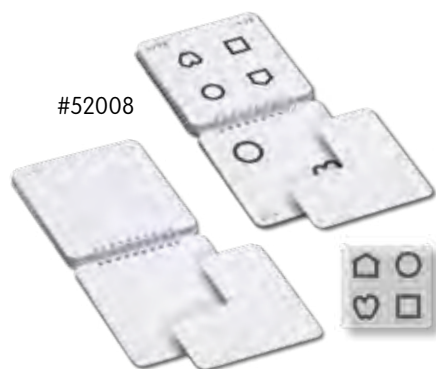
**Stock code: 52227**

8 positions, reciprocally printed  
VA from 0.10 to 2.00 (3 m), Format: 47 cm x 46 cm

(GL 779400)

Please see page 52 for 1 m charts.

## LEA™ Ring Binders 3 m



#52008

**LEA SYMBOLS® – single book**  
**With** response chart and cover plate  
 VA from 0.10 to 2.50 (**3 m**)  
 Format: 12.7 cm x 12.7 cm

**Stock code: 52008**  
 (GL 250600)

#52236



**LEA SYMBOLS® – single book**  
**Contrast: 2.5 %**  
**With** response chart and cover plate  
 VA from 0.10 to 2.50 (**3 m**)  
 Format: 12.7 cm x 12.7 cm

**Stock code: 52236**  
 (GL 250625)



#52010

**LEA SYMBOLS® crowded symbol book**  
**With** response chart without cover plate  
 VA from 0.32 to 1.25 (**3 m**)  
 Format: 12.7 cm x 12.7 cm

**Stock code: 52010**  
 (GL 250700)

#52088

**LEA SYMBOLS® ring binder – crowding edging**  
**With** response chart without cover plate  
 VA from 0.20 to 1.00 (**3 m**)  
 Format: 10.2 cm x 10.2 cm

**Stock code: 52088**  
 (GL 259200)

#52239

**LEA SYMBOLS® ring binder – crowding edging**  
**Kontrast: 2.5 %**  
**With** response chart without cover plate  
 VA from 0.20 to 1.00 (**3 m**)  
 Format: 10.2 cm x 10.2 cm

**Stock code: 52239**  
 (GL 259225)

#52009



**LEA NUMBERS® – single book**  
**Without** response chart with cover plate  
 VA from 0.10 to 2.50 (**3 m**)  
 Format: 12.7 cm x 12.7 cm

**Stock code: 52009**  
 (GL 274000)

**NEW!**

#52237



**LEA NUMBERS® ring binder – crowding edging**  
**Without** response chart  
 VA from 0.20 to 1.00 (**3 m**)  
 Format: 10.2 cm x 10.2 cm

**Stock code: 52237**  
 (GL 274400)

## LEA™ Core Tests Basic set



#52238

**LEA™ Core Tests – Basic set**  
 Please ask for details.

**Stock code: 52238**  
 (GL 258600)

## Near vision tests

#52100



**Birkhaeuser reading plate** (German text)

decimal notations from 0.10 to 1.00 (**30 cm**), Format: 11 cm x 21.5 cm

**Stock code: 52100**

#52208



**Jaeger reading card** (English text)

VA from J 12 to J 1 (**40 cm**), Format: 14 cm x 20.5 cm

**Stock code: 52208**

(GL 119680)

**Near vision test chart 3-1**

Letters, LEA NUMBERS®/LEA SYMBOLS® (**40 cm**), with distance cord.

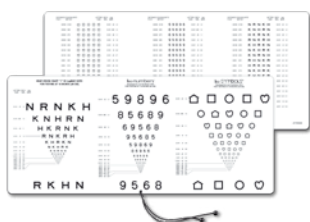
The parallel arrangement of the letters, numbers and symbols allows for easy testing of near vision acuity and determination which optotypes can be detected. The chart is particularly useful in the diagnosis of perception and communication disorders (e.g. dementia). Legend on the back.

VA from 0.05 to 2.00, Format: 43 cm x 19 cm

**Stock code: 52095**

(GL 759000)

#52193



#52095

**Near vision test chart 4-1**

Letters, LEA NUMBERS®/LEA SYMBOLS® (**40 cm**), Landolt rings, with distance cord. Reciprocally printed near vision chart with separate legend (pdf). The parallel arrangement of the letters, numbers, symbols and Landolt rings makes it easier to determine which type of optotypes can be recognised. The chart is particularly suited for diagnostic testing in the case of sensory and communication disorders (e.g. in the case of dementia).

VA from 0.05 to 2.00, Format: 33 cm x 19 cm

**Stock code: 52193**

(GL 759100)

#52105



#52090

**Tumbling E/Landolt-C near vision card**

Printed on both sides, with distance cord

VA from 0.05 to 2.00 (**40 cm**), Format: 20.3 cm x 25.4 cm

**Stock code: 52105**

(GL 728000)

**SLOAN letters card**

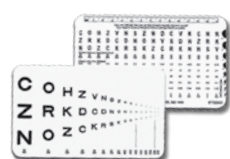
Reciprocally printed, with distance cord

VA from 0.05 to 2.00 (**40 cm**), Format: 20.3 cm x 25.4 cm

**Stock code: 52090**

(GL 729000)

#52106



#52107

**RUNGE near vision card – Letters**

For rapid screening with size progression from left to right.

VA from 0.05 to 1.25 (**40 cm**), Format: 9.5 cm x 15.9 cm

**Stock code: 52106**

(GL 756000)

**RUNGE near vision card – LEA™ NUMBERS®**

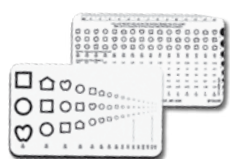
For rapid screening with size progression from left to right.

VA from 0.05 to 1.25 (**40 cm**), Format: 9.5 cm x 15.9 cm

**Stock code: 52107**

(GL 756100)

#52108



**RUNGE near vision card – LEA™ SYMBOLS®**

For rapid screening with size progression from left to right.

VA from 0.05 to 1.25 (**40 cm**), Format: 9.5 cm x 15.9 cm

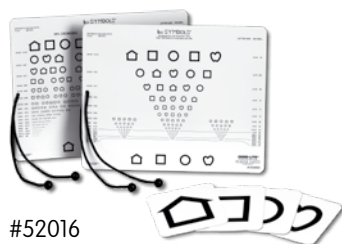
**Stock code: 52108**

(GL 756200)



## Near vision tests

The VA charts #52016, #52087, #52127, #52227 and #52020 come with one side of 50 % and 25 % optotype interspace for testing of crowding phenomenon.



#52016

### LEA SYMBOLS® card

Reciprocally printed, with response plate and cord  
VA from 0.05 to 2.00 (**40 cm**), Format: 20.3 cm x 25.4 cm

**Stock code: 52016**  
(GL 250800)



#52018

### LEA SYMBOLS® / LEA™ NUMBERS® card

Reciprocally printed, with response plate and cord (symbols only)  
VA from 0.05 to 2.00 (**40 cm**), Format: 20.3 cm x 25.4 cm

**Stock code: 52018**  
(GL 251000)



#52087

### LEA NUMBERS® card

Reciprocally printed, with distance cord  
VA from 0.05 to 2.00 (**40 cm**), Format: 20.3 cm x 25.4 cm

**Stock code: 52087**  
(GL 270900)



#52020

### HOTV crowded card

Reciprocally printed, with response plate and cord  
VA from 0.05 to 2.00 (**40 cm**), Format: 20.3 cm x 25.4 cm

**Stock code: 52020**  
(GL 731000)



#52218

### Landolt-C near card

**8 positions**, reciprocally printed, with distance cord  
VA from 0.05 to 2.00 (**40 cm**), Format: 20.3 cm x 25.4 cm

**Stock code: 52218**  
(GL 779000)

#52198

### SLOAN letters card

VA from 0.05 to 1.25 (**40 cm**), Format: 14.0 cm x 20.3 cm

**Stock code: 52198**  
(GL 725000)



#52224

### Near Vision Card (english text)

**Stock code: 52223**  
(GL 684600)



#52223

### Near Vision Card (french text)

Combination Near Vision and Reading Card  
VA from 0.20 to 1.00 (**40 cm**), Format: 25.4 cm x 20.32 cm

**Stock code: 52224**  
(GL 658300)












#52127

### LEA NUMBERS® – Near vision card

Reciprocally printed, without response plate (**40 cm and 60 cm**)  
VA from 0.05 to 2.00, Format: 20.3 cm x 25.4 cm

**Stock code: 52127**  
(GL 274100)

## Near vision tests

#52017		<p><b>LEA SYMBOLS® – pocket card</b>            Reciprocally printed, without response plate            VA from 0.05 to 2.00 <b>(40 cm)</b>            Format: 9.5 cm x 15.9 cm</p>	<p><b>Stock code: 52017</b>            (GL 250950)</p>
#52019		<p><b>LEA NUMBERS® – pocket card</b>            Reciprocally printed            VA from 0.05 to 2.00 <b>(40 cm)</b>            Format: 9.5 cm x 15.9 cm</p>	<p><b>Stock code: 52019</b>            (GL 271000)</p>
#52094		<p><b>Landolt-C – pocket card</b>            Reciprocally printed            VA from 0.05 to 2.00 <b>(40 cm)</b>            Format: 9.5 cm x 15.9 cm</p>	<p><b>Stock code: 52094</b>            (GL 758700)</p>
#52119		<p><b>Landolt-C – pocket card, 8 positions</b>            Reciprocally printed            VA from 0.05 to 2.00 <b>(40 cm)</b>            Format: 9.5 cm x 15.9 cm</p>	<p><b>Stock code: 52219</b>            (GL 779100)</p>
#52126		<p><b>LEA SYMBOLS®/Landolt rings – pocket card</b>            Reciprocally printed            VA from 0.05 to 2.00 <b>(40 cm)</b>            Format: 9.5 cm x 15.9 cm</p>	<p><b>Stock code: 52119</b>            (GL 257900)</p>
#52126		<p><b>LEA NUMBERS®/Landolt rings – pocket card</b>            Reciprocally printed            VA from 0.05 to 2.00 <b>(40 cm)</b>            Format: 9.5 cm x 15.9 cm</p>	<p><b>Stock code: 52126</b>            (GL 273100)</p>
#52186		<p><b>SLOAN-letters/Landolt rings – pocket card</b>            Reciprocally printed            VA from 0.05 to 2.00 <b>(40 cm)</b>            Format: 9.5 cm x 15.9 cm</p>	<p><b>Stock code: 52186</b>            (GL 758300)</p>
#52253		<p><b>SLOAN-letters – pocket card, (englisch text)</b>            Reciprocally printed, without response plate            VA from 0.05 to 2.00 <b>(40 cm)</b>            Format: 9.5 cm x 15.9 cm</p>	<p><b>Stock code: 52253</b>            (GL 744000)</p>
#52201		<p><b>Reading chart – high/10 % contrast</b>            English <b>(40 cm)</b>  <b>Reading chart – high/10 % contrast</b>            French <b>(40 cm)</b>            VA from 0.05 to 2.00 (SLOAN) and 0.20 to 1.00 (text)            Format: 20.4 cm x 25.5 cm</p>	<p><b>Stock code: 52201</b>            (GL 684700)  <b>Stock code: 52213</b>            (GL 658700)</p>





#52002

## Near vision tests

### C-test – Ring Binder, Haase (OCULUS®)

**Stock code: 52002**

Particularly suitable for near vision testing in Low Vision patients.

Pages with Landolt rings in wide and narrow interspacing of 2.6".

Contents: 6 pages



#52049

### LEA SYMBOLS® – Distance Screener Set

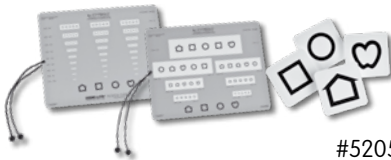
**Stock code: 52049**

Contents: flipchart with 10 pages, response plate

(GL 259900)

VA from 0.25 to 1.25 (**3 m**)

Format: 8.25 cm x 22.9 cm



#52050

### LEA SYMBOLS® – Near Vision Screener

**Stock code: 52050**

Contents: 1 card, reciprocally printed with response plates and cord

(GL 252000)

VA from 0.05 to 1.25 (**40 cm**)

Format: 20.3 cm x 25.4 cm

#52204



### HOTV Screening flip chart (Massachusetts)

**Stock code: 52204**

For Screening pre-school children from 3 years onwards

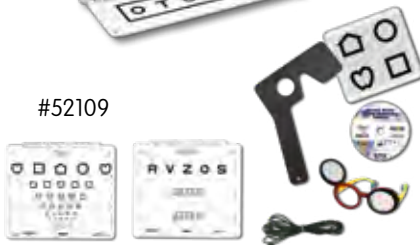
(GL 600304)

Contents: 4 plates, response cards

VA from 0.50 and 0.625 (**3 m**)

Format: 8.25 cm x 22.9 cm

#52109



### AAPOS Vision – Screening Set

**Stock code: 52109**

Contents: Distance visual acuity letter chart; distant visual acuity chart

(GL 120 AAPOS)

with LEA SYMBOLS®; black cover for visual acuity testing, alternatively paediatric glasses occluder for visual acuity testing; 3 m distance cord;

answer chart, DVD (in english)

#52233



### Paediatric Visual Acuity Set

**Stock code: 52233**

Contents: LEA SYMBOLS® / LEA NUMBERS® card #52018, LEA SYMBOLS®/

Tumbling E wallchart #52035, #56015, Butterfly opaque glass occluder

#53009

Suitable stereo tests can be found on pages 68 and 69.



## KAY PICTURES

**KAY PICTURES provides an alternative to other vision tests designed for young children. The picture charts were developed in the UK to allow easy visual acuity screening with pictures in preschool children. The revised version is suitable for screening from 18 months of age.**

**The test can be performed both verbally and non-verbally using the answer chart.**



#52246

### **KAY PICTURES Single Crowded Book (3 m)**

Individual pictures with LogMAR visual acuity steps from 1.00 to – 0.10 and additional near test and answer chart. The pictures each have a border to test the crowding phenomenon. Altogether, the test contains six different pictures, four per visual acuity step. Suitable for nonverbal visual acuity screening from 18 months of age.

**Stock code: 52246**  
(KPTSINGLE)



#52247

### **KAY PICTURES Linear Crowded Book (3 m)**

Linear test with LogMAR visual acuity steps from 0.70 to – 0.20 and additional near test and answer chart. The pictures are arranged in a row of five boxes to produce a continuous crowding effect. Four different picture arrangements are present per visual acuity step. Suitable for nonverbal visual acuity screening from 30 months of age.

**Stock code: 52247**  
(KPTLINEAR)



#52248

### **KAY PICTURES Screening Book (3 m)**

Compact book in DIN A5 format with individual pictures and picture series for screening. Suitable for nonverbal vision screening from 18 months of age.

LogMAR visual acuity: 0.80 to – 0.10 **(3 m)**

With answer chart

**Stock code: 52248**  
(KPTSCREEN)



#59813

### **KAY PICTURES Low Vision Book (3 m)**

This book was developed specially for screening the visually impaired. It has individual picture presentations in fourteen LogMAR visual acuity steps from 1.30 to 0.00. With additional near vision test and answer chart. Suitable for nonverbal visual acuity screening from 18 months of age.

**Stock code: 59813**  
(KPTLOW)

## Vision Tests with borders Massachusetts



#52012

### LEA Symbols® / HOTV Screening Wall chart (Massachusetts)

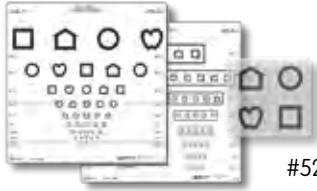
Reciprocally printed, with response plate

VA from 10/50 to 10/12.5 (foot) **(3 m)**

Format: 40.7 cm x 28 cm

**Stock code: 52012**

(GL 250500)



#52013

### LEA Symbols® Screening chart 10 lines (Massachusetts)

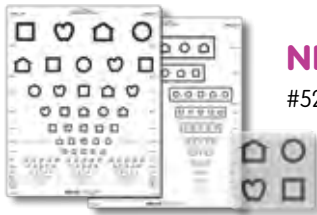
Reciprocally printed, with response plate

VA from 0.10 to 1.25 **(3 m)**

Format: 40.6 cm x 40.6 cm

**Stock code: 52013**

(GL 256000)



**NEW!**

#52014

### LEA Symbols® / Screening chart 15 lines (Massachusetts)

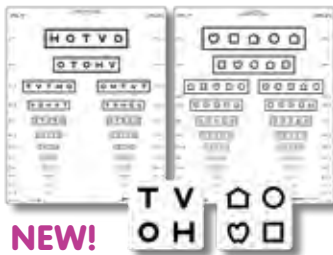
Reciprocally printed, with response plate

VA from 0.10 to 2.50 **(3 m)**

Format: 43 cm x 53.4 cm

**Stock code: 52014**

(GL 257000)



**NEW!**

#52015

### LEA Symbols® / HOTV Screening Wall chart (Massachusetts)

Reciprocally printed, with response plate

VA from 0.20 to 2.50 **(3 m)**

Format: 43 cm x 53.4 cm

**Stock code: 52015**

(GL 257500)

### LEA Symbols® Foldable chart with 10 lines (Massachusetts)

Reciprocally printed, with response plate

VA from 0.10 to 1.25 **(3 m)**

Format: 40.6 cm x 40.6 cm

**Stock code: 52054A**

(GL 250200)

### LEA Symbols® Foldable chart with 15 lines (Massachusetts)

Reciprocally printed, with response plate

VA from 0.10 to 2.50 **(3 m)**

Format: 43 cm x 53.4 cm

**Stock code: 52249**

(GL 250100)

### HOTV – Foldable chart (Massachusetts)

Reciprocally printed, with response plate

VA from 0.10 to 2.50 **(3 m)**

Format: 45.7 cm x 45.7 cm

**Stock code: 52214**

(GL 600302)

### LEA Symbols® Near Vision Screener (Massachusetts)

Reciprocally printed, with non-verbal response

VA from 0.05 to 1.25 **(40 cm)**

Format: 20.3 cm x 25.4 cm

**Stock code: 52252**

(GL 258900)

### LEA Symbols® Screening Flip Chart (Massachusetts)

Format for preschool screening at 3 m

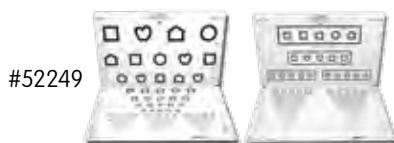
Comprises 1 practice card, 4 pages

VA from 0.50 und 0.625 **(3 m)**

Format: 8.25 cm x 22.9 cm

**Stock code: 52250**

(GL 259500)



#52249

#52214

**NEW!**

#52252

#52250



# Illuminated Cabinets

**Illuminated Cabinets allow constant indirect illumination of vision tests, as recommended by the WHO.**

**Specifically suitable for portable use:**

#52067



**Illuminated Cabinet ESV 1200** (without VA charts)

Cabinet with LED lights for best illumination. Compatible with all 23 cm x 35.6 cm charts. Includes storage compartment at the back  
Format: 36 cm x 23.2 cm x 5.4 cm (H/W/D)

**Stock code: 52067**  
(GL ESV1200)

#52197



**Illuminated Cabinet Quantum ESV 1500** (without VA charts)

Variant to ESV 1200, calibrated for study purposes (similar to ESV 3000). Corresponds in dimensions to ESV 1200 light box.  
Format: 36 cm x 23.2 cm x 7.8 cm (H/W/D)

**Stock code: 52197**  
(GL ESV1500)

**Please see matching Visual Acuity charts on page 39 to page 43.**

#52069



**Image shows ESV 3000 with VA chart and additional glare lights**

**Illuminated Cabinets ETRS:**

**Self-calibrating ESV 3000 ETRS Viewer** (without VA charts)

Illuminated cabinet with LED lights (can be wall mounted), illumination for both photopic and mesopic light levels.  
Choice of 3 adjustable luminance levels (the viewer automatically calibrates to 85 cd/m<sup>2</sup> or 3 cd/m<sup>2</sup>).  
Format: approx. 62 cm x 65 cm x 9.75 cm (H/W/D)

**Stock code: 52069**  
(GL ESV3000)

#52104



**ESC 2000 ETRS Viewer** (without VA charts)

The ESC 2000 ETRS Viewer is a competitive alternative to the ETRS Viewer ESV 3000. All ETRS charts fit both viewers.  
Format: approx. 62 cm x 65 cm x 7.65 cm (H/W/D)

**Stock code: 52104**  
(GL ESC2000)

**Please see matching Visual Acuity charts on page 39 to 49. ETRS sets available on request.**





#52168

## Illuminated Cabinets accessories

**ESV 3000 Glare lights for ETDRS Viewer ESV 3000**

**Stock code: 52168**

(GL 500100)

**Floor stand ESV 3000 for Good-Lite Illuminated ETDRS cabinets**

**Stock code: 52070**

(GL 500004)

**Floor stand for ESV 1200 and ESV 1500**

**Stock code: 52178**

(GL 705000)



#52070

#52178



#52207

## LUVIS mini - Illuminated Cabinet

**LUVIS mini - Illuminated Cabinet**

**Stock code: 52207**

Standardized conditions for testing contrast vision. Appropriate for MARS contrast tests, smaller eye chart formats and colour tests with a size up to approx. 38 cm x 28 cm.

Examinations to record visual acuity and contrast threshold require homogeneous illumination of the visual tests according to DIN EN ISO 8596:2009 and DIN 58220. These requirements are not met with conventional room lighting or a desk lamp.

Luviss mini uses diffuse reflected light to allow even light distribution over the entire eye chart. An illumination difference of only 3% is made possible with the device; at present 25% tolerance in uniformity of illumination is specified.

### Advantages of the LUVIS mini:

- Meets the lighting specifications of EN ISO 8596 (luminance ca. 200 cd/m<sup>2</sup>)
- Achieves standardized, comparable and reproducible results
- Innovative and simple lighting solution

Format: 47 cm (height) x 37 cm (width) x 16 cm (depth)

**Eye charts sold separately**





#52163

## CSV System

**CSV 1000 HGT viewer** with glare lighting and 1 test chart #52138  
 The gold standard for measuring contrast vision and glare sensitivity.  
 Self-calibrating light system.  
 Please see the matching CSV charts at the bottom of this page.  
 Weight: approx. 13.6 kg  
 Format: 69.69 cm x 53.34 x 10 cm

**Stock code: 52163**  
 (GL 500050)  
 Availability upon request

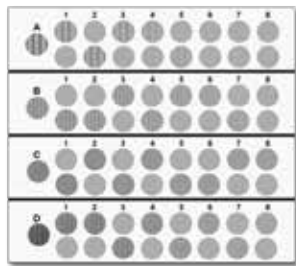


#52137

**Illuminated viewer CSV 1000** and 1 test chart #52091  
 Standardised contrast test device with corresponding CSV vision testing chart. Self-calibrating light system without glare sensitivity testing.  
 Please see the matching CSV charts at the bottom of this page.  
 Weight: approx. 13.6 kg  
 Format: 69.69 cm x 53.34 x 10 cm

**Stock code: 52137**  
 (GL 500000)  
 Availability upon request

**Please see page 37 for the matching floor stand.**

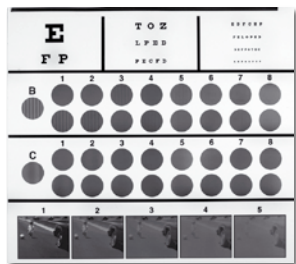


#52091

### CSV charts only suitable for CSV-1000 HGT viewer

**CSV Contrast chart test "1000E"**  
 Contrast chart with grid pattern for differentiated contrast sensitivity testing. At the recommended test distance of 2.5 m the grid patterns will test 3, 6, 12 and 18 cycles / degree.  
 Does not fit ETDRS Viewers.  
 Format: 49.5 cm x 44.5 cm

**Stock code: 52091**  
 (GL 500051)  
 Availability upon request



#52138

**CSV contrast chart "1000S"**  
 The CSV contrast chart "1000S" is generally used for contrast screening for cataracts in the office or for mobile clinics. The uppermost segment with the usual visual acuity test series from 0.1 to 1.33, a segment with grid pattern (6 or 12 cycles/degree), lowest segment shows realistic traffic situations.  
 Format: 49.5 cm x 44.5 cm

**Stock code: 52138**  
 (GL 500001)  
 Availability upon request

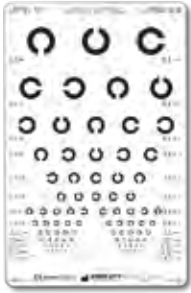


#52139

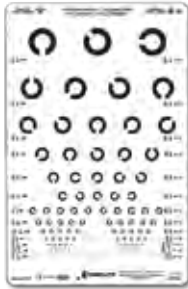
**CSV 1000 ETDRS chart - SLOAN letters "R"**  
 The CSV-1000 ETDRS chart "R<sub>v</sub>" offers a standardised test surface, based on American standard illumination 85 cd/m<sup>2</sup>.  
 Format: 49.5 cm x 44.5 cm

**Stock code: 52139**  
 (GL 500003)  
 Availability upon request

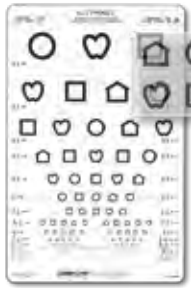
## Vision charts distance translucent



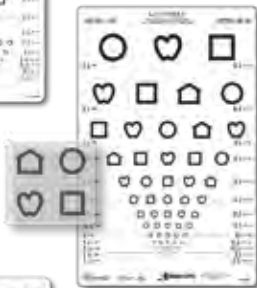
#52058



#52221



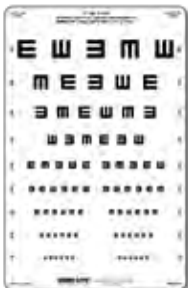
#52059



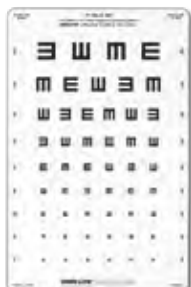
#52112



#52060



#52202



#52205



#52062

**LogMAR charts for illuminated cabinets #52067 and #52197.**  
Please note the various test distances.

### Landolt-C chart, translucent

Repetitive groups  
Without response plate  
VA from 0.125 to 2.00 (**3 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52058**  
(GL 600703)

### Landolt-C chart, translucent

**8 positions**  
Repetitive groups  
Without response plate  
VA from 0.125 to 2.00 (**3 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52221**  
(GL 779300)

### LEA SYMBOLS® chart, translucent

Repetitive groups  
With response plate  
VA from 0.16 to 2.50 (**3 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52059**  
(GL 252400)

### LEA SYMBOLS®, translucent chart with 13 lines

With response plate  
VA from 0.16 to 2.50 (**3 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52112**  
(GL 250400)

### LEA NUMBERS® chart, translucent

Repetitive groups  
Without response plate  
VA from 0.16 to 2.50 (**3 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52060**  
(GL 271200)

### Tumbling E chart, translucent

Linear-spaced Distance chart in American notation (20/20)  
VA from 0.20 to 1.25 (**3 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52202**  
(GL 600738)

### Tumbling E chart, translucent wide-spaced

Linear-spaced Distance chart in American notation (20/20) and wide inter-optotype distance  
VA from 0.20 to 1.25 (**3 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52205**  
(GL 600722)

### HOTV chart, translucent

Without response plate  
VA from 0.16 to 2.50 bzw. 20/125 to 20/8 (**3 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52062**  
(GL 600736)

## Vision charts distance translucent

**LogMAR charts for illuminated cabinets #52067 and #52197.**  
Please note the various test distances.



#52172

### **SLOAN letters chart with 13 lines, translucent**

Repetitive groups  
Without response plate  
VA from 0.16 to 2.00 (**4 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52172**  
(GL 600739)

#52061

### **SLOAN letters chart, translucent**

Repetitive groups  
Without response plate  
VA from 0.12 to 2.00 (**3 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52061**  
(GL 600705)

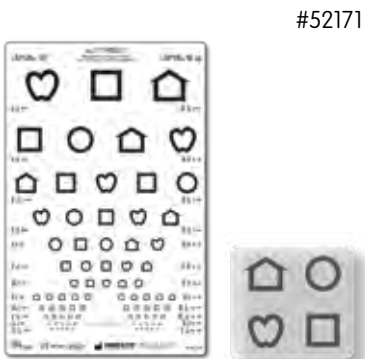


#52240

### **SLOAN letters chart, translucent**

Zufallsanordnung mit Repetitive groups  
Without response plate  
VA from 0.16 to 2.00 (**4 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52240**  
(GL 600762)



#52171

### **SLOAN letters chart with 13 lines, translucent**

Repetitive groups  
Without response plate  
VA from 0.16 to 2.00 (**6 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52171**  
(GL 600737)

#52115

### **LEA SYMBOLS® – Translucent chart with 12 lines**

Repetitive groups  
With response plate  
VA from 0.20 to 2.50 (**4 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52115**  
(GL 255100)

### **LEA SYMBOLS® – Translucent chart with 12 lines**

Repetitive groups  
Without response plate  
VA from 0.20 to 2.50 (**4 m**)  
Format: 23 cm x 35.6 cm

**Stock code: 52116**  
(GL 255101)



#52123

### **LEA NUMBERS® – Translucent chart with 12 lines**

Repetitive groups  
Without response plate  
VA from 0.20 to 2.50 (**4 m**)  
Format: 23 cm x 35.6 cm

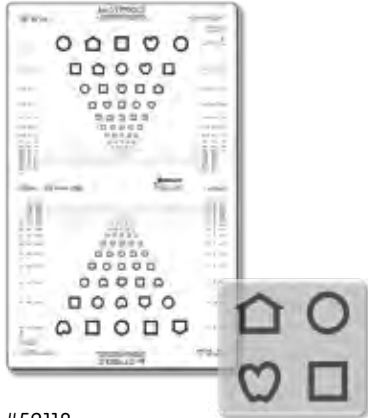
**Stock code: 52123**  
(GL 271300)



## Vision charts near translucent

**LogMAR charts for illuminated cabinets #52067 and #52197.**

**Please note the various test distances.**



#52118

### LEA SYMBOLS® – Translucent chart

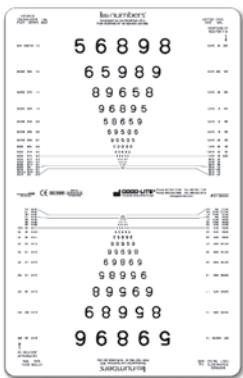
With response plate

VA from 0.05 to 2.00 **(40 cm)**

Format: 23 cm x 35.6 cm

**Stock code: 52118**

(GL 257800)



#52125

### LEA NUMBERS® – Translucent chart near with 12 lines

Without response plate

VA from 0.05 to 2.00 **(40 cm)**

Format: 23 cm x 35.6 cm

**Stock code: 52125**

(GL 273000)



#52184

### SLOAN letters - Translucent near vision chart

Without response plate

VA from 0.05 to 2.00 **(40 cm)**

Format: 23 cm x 35.6 cm

**Stock code: 52184**

(GL 756300)



#52185

### SLOAN letters - Translucent near vision chart

Without response plate

VA from 0.05 to 2.00 **(40 cm)**

Format: 23 cm x 35.6 cm

**Stock code: 52185**

(GL 756400)



## Low Contrast charts translucent

LogMAR charts for illuminated cabinets #52067 and #52197.

Please note the various test distances.



#52027

LEA SYMBOLS® Low Contrast chart – 1.25 %

**Stock code: 52076**

(GL 253700)

LEA SYMBOLS® Low Contrast chart – 2.5 %

**Stock code: 52027**

(GL 253800)

LEA SYMBOLS® Low Contrast chart – 5 %

**Stock code: 52077**

(GL 253900)

LEA SYMBOLS® Low Contrast chart – 10 %

**Stock code: 52078**

(GL 254000)

LEA SYMBOLS® Low Contrast chart – 25 %

**Stock code: 52079**

(GL 254100)

Charts for 3 m distance

VA from 0.12 to 2.50

With response plate



#52078

LEA NUMBERS® Low Contrast chart – 1.25 %

**Stock code: 52080**

(GL 271500)

LEA NUMBERS® Low Contrast chart – 2.5 %

**Stock code: 52081**

(GL 271600)

LEA NUMBERS® Low Contrast chart – 5 %

**Stock code: 52082**

(GL 271700)

LEA NUMBERS® Low Contrast chart – 10 %

**Stock code: 52083**

(GL 271800)

LEA NUMBERS® Low Contrast chart – 25 %

**Stock code: 52084**

(GL 271900)

Charts for 3 m distance

VA from 0.12 to 2.50



#52083

SLOAN letters Low Contrast chart – 1.25 %

**Stock code: 52177**

(GL 600754)

SLOAN letters Low Contrast chart – 2.5 %

**Stock code: 52176**

(GL 600753)

SLOAN letters Low Contrast chart – 5 %

**Stock code: 52175**

(GL 600752)

SLOAN letters Low Contrast chart – 10 %

**Stock code: 52174**

(GL 600751)

SLOAN letters Low Contrast chart – 25 %

**Stock code: 52173**

(GL 600750)

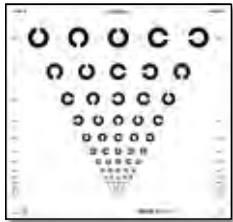
Charts for 3 m distance

VA from 0.12 to 2.50

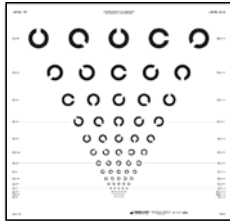


#52173

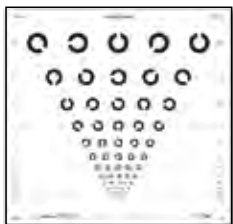
## ETDRS charts LogMAR



#52063

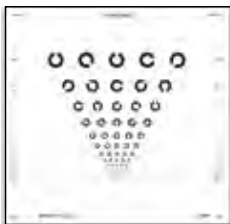


#52167



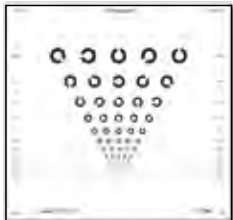
**NEW!**

#52215



**NEW!**

#52216

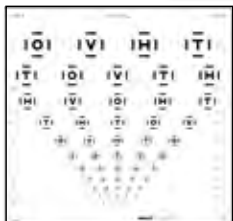


**NEW!**

#52217

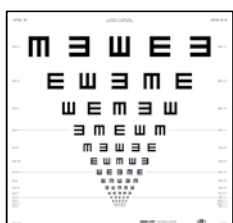


#52064



**NEW!**

#52229



#52159

**ETDRS translucent charts for all ETDRS Viewers.**  
Please note the various test distances.

### ETDRS chart – Landolt-C

Translucent chart for **4 m** distance, **4 positions**

VA from 0.10 to 2.00

Format: 62 cm x 65 cm

**Stock code: 52063**

(GL 500037)

### ETDRS chart – Landolt-C

Translucent chart for **4 m** distance, **8 positions**

VA from 0.10 to 2.00

Format: 62 cm x 65 cm

**Stock code: 52167**

(GL 500070)

### ETDRS chart – Landolt-C, scrambled version

Translucent chart for **4 m** distance, **8 positions**

VA from 0.10 to 2.00

Format: 62 cm x 65 cm

**Stock code: 52215**

(GL 500071)

### ETDRS chart – Landolt-C

Translucent chart for **3 m** distance, **8 positions**

VA from 0.10 to 2.00

Format: 62 cm x 65 cm

**Stock code: 52216**

(GL 500072)

### ETDRS chart – Landolt-C, scrambled version

Translucent chart for **3 m** distance, **8 positions**

VA from 0.10 to 2.00

Format: 62 cm x 65 cm

**Stock code: 52217**

(GL 500073)

### ETDRS chart – HOTV

Translucent chart for **4 m** distance

VA from 0.10 to 2.00

Format: 62 cm x 65 cm

**Stock code: 52064**

(GL 500025)

### ETDRS chart – HOTV with 50 % Crowding

Translucent chart for **4 m** distance

VA from 0.20 to 1.25

Format: 62 cm x 65 cm

**Stock code: 52229**

(GL 500035)

### ETDRS chart – Tumbling E

Translucent chart for **4 m** distance

VA from 0.10 to 2.00

Format: 62 cm x 65 cm

**Stock code: 52159**

(GL 500044)

### ETDRS chart – Tumbling E

Translucent chart for **3 m** distance

VA from 0.10 to 2.00

Format: 62 cm x 65 cm

**Stock code: 52243**

(GL 500061)



# ETDRS charts Original series LogMAR

**ETDRS translucent charts for all ETDRS Viewers.**  
Please note the various test distances.

**ETDRS Original series 4 m – SLOAN letters, chart “R”**

**Stock code: 52037**  
(GL 500013)

**ETDRS Original series 4 m – SLOAN letters, chart “1”**

**Stock code: 52097**  
(GL 500014)

**ETDRS Original series 4 m – SLOAN letters, chart “2”**

**Stock code: 52098**  
(GL 500015)

Translucent chart for **4 m** distance  
VA from 0.10 to 2.00  
Format: 62 cm x 65 cm

**ETDRS Original series 2 m – SLOAN letters, chart “R”**

**Stock code: 52160**  
(GL 500046)

**ETDRS Original series 2 m – SLOAN letters, chart “1”**

**Stock code: 52161**  
(GL 500047)

**ETDRS Original series 2 m – SLOAN letters, chart “2”**

**Stock code: 52162**  
(GL 500048)

Translucent chart for **3 m** distance  
VA from 0.10 to 2.00  
Format: 62 cm x 65 cm

**ETDRS Original series 3 m – SLOAN letters, chart “R”**

**Stock code: 52153**  
(GL 500038)

**ETDRS Original series 3 m – SLOAN letters, chart “1”**

**Stock code: 52154**  
(GL 500039)

**ETDRS Original series 3 m – SLOAN letters, chart “2”**

**Stock code: 52155**  
(GL 500040)

Translucent chart for **2 m** distance  
VA from 0.10 to 2.00  
Format: 62 cm x 65 cm

**The roll-up charts are made of thin styrene plastic material and can be easily rolled up for transport and storage. Each of these charts can be suspended with a wall hanger.**

**ETDRS roll-up chart “R”– Original series**

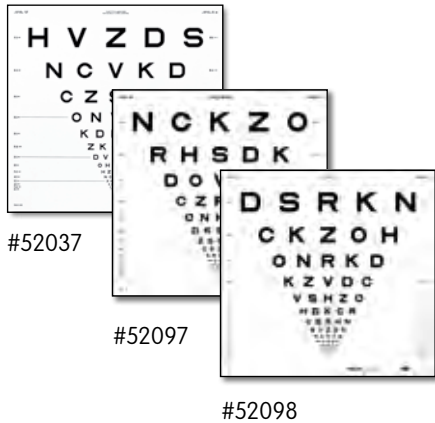
**Stock code: 52169**  
(GL 511113)

Translucent chart for **4 m** distance, can be rolled up  
(letter sequence as #52160)  
VA from 0.10 to 2.50, Format: 62 cm x 65 cm

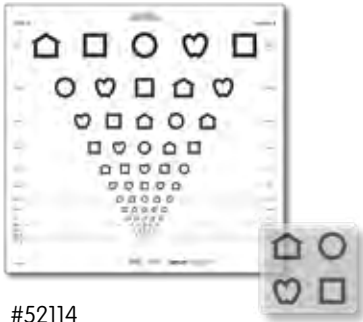
**ETDRS roll-up chart “1” – Original series**

**Stock code: 52170**  
(GL 511114)

Translucent chart for **4 m** distance, can be rolled up  
(letter sequence as #52161)  
VA from 0.10 to 2.50, Format: 62 cm x 65 cm



# ETDRS charts LEA™ LogMAR



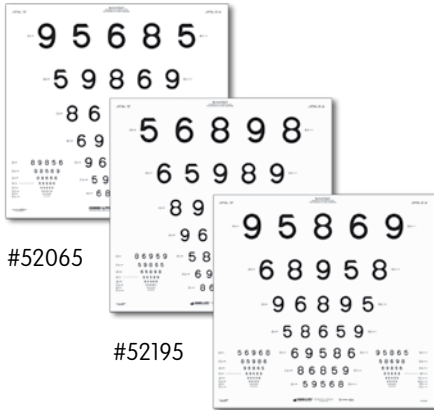
#52114

**ETDRS translucent charts for all ETDRS Viewers.**  
Please note the various test distances.

**ETDRS chart – LEA SYMBOLS®**

Translucent chart for **4 m** distance  
VA from 0.125 to 2.50  
Format: 62 cm x 65 cm  
Response chart included

**Stock code: 52114**  
(GL 253333)



#52065

#52195

#52196

**ETDRS chart – LEA NUMBERS®**

**ETDRS chart "A" – LEA™ Numbers**

**ETDRS chart "B" – LEA™ Numbers**

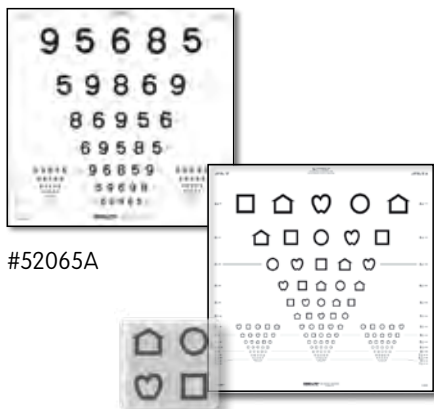
Translucent chart for **4 m** distance  
VA from 0.10 to 2.50  
Format: 62 cm x 65 cm

**Stock code: 52065**  
(GL 270200)  
**Stock code: 52195**  
(GL 270200A)  
**Stock code: 52196**  
(GL 270200B)

**ETDRS chart – LEA NUMBERS®**

Translucent chart for **3 m** distance  
VA from 0.10 to 2.50  
Format: 62 cm x 65 cm

**Stock code: 52065A**  
(GL 271400)



#52065A

#52066

**ETDRS chart – LEA SYMBOLS®**

Translucent chart for **3 m** distance  
VA from 0.10 to 2.50  
Format: 62 cm x 65 cm  
Response chart included

**Stock code: 52066**  
(GL 250300)

**The roll-up charts are made of thin styrene plastic material and can be easily rolled up for transport and storage. Each of these charts can be securely suspended with a wall hanger.**



#52121

**ETDRS roll-up chart – LEA NUMBERS®**

Translucent chart for **4 m** distance  
VA from 0.10 to 2.50  
Format: 62 cm x 65 cm  
Response chart included

**Stock code: 52121**  
(GL 270211)



#52111

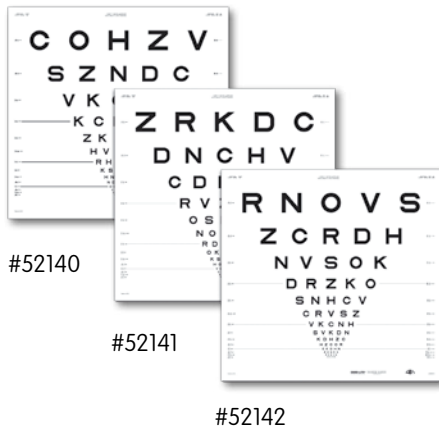
**ETDRS roll-up chart – LEA SYMBOLS®**

Translucent chart for **3 m** distance  
VA from 0.10 to 2.50  
Format: 62 cm x 65 cm  
Response chart included

**Stock code: 52111**  
(GL 250311)

# ETDRS charts "2000" LogMAR

**ETDRS translucent charts for all ETDRS Viewers.  
Please note the various test distances.**



**ETDRS "2000" – SLOAN letters, chart "1"**

**Stock code: 52140**  
(GL 500016)

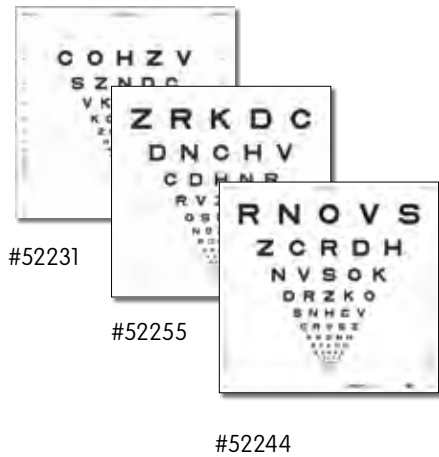
**ETDRS "2000" – SLOAN letters, chart "2"**

**Stock code: 52141**  
(GL 500017)

**ETDRS "2000" – SLOAN letters, chart "3"**

Chart for **4 m** distance  
VA from 0.10 to 2.00  
Format: 62 cm x 65 cm

**Stock code: 52142**  
(GL 500018)



**ETDRS "2000" – SLOAN letters, chart "1"**

**Stock code: 52231**  
(GL 500010)

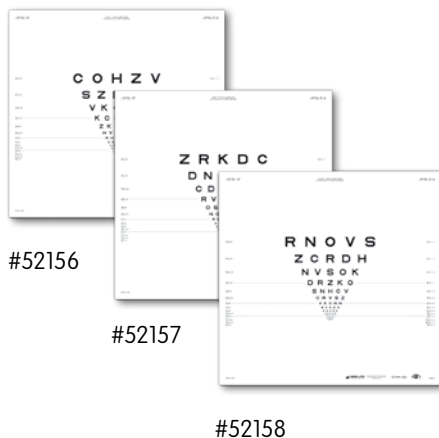
**ETDRS "2000" – SLOAN letters, chart "2"**

**Stock code: 52255**  
(GL 500011)

**ETDRS "2000" – SLOAN letters, chart "3"**

Chart for **3 m** distance  
VA from 0.10 to 2.00  
Format: 62 cm x 65 cm

**Stock code: 52244**  
(GL 500012)



**ETDRS "2000" – SLOAN letters, chart "1"**

**Stock code: 52156**  
(GL 500041)

**ETDRS "2000" – SLOAN letters, chart "2"**

**Stock code: 52157**  
(GL 500042)

**ETDRS "2000" – SLOAN letters, chart "3"**

Chart for **2 m** distance  
VA from 0.10 to 2.00  
Format: 62 cm x 65 cm

**Stock code: 52158**  
(GL 500043)

## ETDRS Low Contrast charts LogMAR



#52143



#52071



#52072



#52073



#52074

**ETDRS translucent charts for all ETDRS Viewers.**  
Please note the various test distances.

**ETDRS Low Contrast chart – SLOAN letters 1.25 %**

**Stock code: 52143**  
(GL 500022)

**ETDRS Low Contrast chart – SLOAN letters 2.5 %**

**Stock code: 52071**  
(GL 500021)

**ETDRS Low Contrast chart – SLOAN letters 5 %**

**Stock code: 52072**  
(GL 500020)

**ETDRS Low Contrast chart – SLOAN letters 10 %**

**Stock code: 52073**  
(GL 500019)

**ETDRS Low Contrast chart – SLOAN letters 25 %**

Charts for **4 m** distance:

VA from 0.10 to 2.00

Format: 62 cm x 65 cm

**Stock code: 52074**  
(GL 500023)

**ETDRS Low Contrast chart – SLOAN letters 2.5 %**

**Stock code: 52147**  
(GL 500029)

**ETDRS Low Contrast chart – SLOAN letters 5 %**

**Stock code: 52146**  
(GL 500028)

**ETDRS Low Contrast chart – SLOAN letters 10 %**

**Stock code: 52145**  
(GL 500027)

**ETDRS Low Contrast chart – SLOAN letters 25 %**

Charts for **3 m** distance:

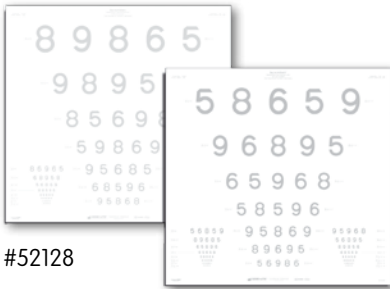
VA from 0.10 to 2.00

Format: 62 cm x 65 cm

**Stock code: 52144**  
(GL 500026)



## ETDRS Low Contrast charts LogMAR



#52128

#52129

**ETDRS translucent charts for all ETDRS Viewers.**  
Please note the various test distances.

**ETDRS Low Contrast chart – LEA NUMBERS® 2.5 %**

**Stock code: 52128**

(GL 274200)

**ETDRS Low Contrast chart – LEA NUMBERS® 10 %**

**Stock code: 52129**

(GL 274300)

Chart for **4 m** distance

VA from 0.10 to 2.00

Format: 62 cm x 65 cm

## Evans Low Contrast charts



#52151



#52152

**The Evans contrast charts are suitable for all ETDRS Viewers.**

**The Evans letter contrast test (ELCT) is a standardised test for testing contrast sensitivity using SLOAN letters. Displayed at a test distance of 1 m, the optotype size corresponds to a visual acuity of 0.031. Each of the 3 consecutive letters has the same contrast value. The contrast increases from a group of three to the next group of three in increments of 0.15 log.**

**Evans Contrast test – ELCT chart “1”**

**Stock code: 52151**

12 contrast levels from standard 100 % contrast to 1.65 log contrast or 2.24% contrast. Studies show that 1.65 log contrast corresponds to the contrast sensitivity of the normal elderly population (based on the Weber contrast)

(GL 500331)

Format: 62 cm x 65 cm

**Evans Contrast test – ELCT chart “2”**

**Stock code: 52152**

4 contrast levels from 1.80 to 2.25 log contrast

(GL 500332)

**Evans Contrast test – ELCT set**

**Stock code: 52150**

ELCT chart “1” and ELCT chart “2” as a set for testing contrast vision

(GL 500330)

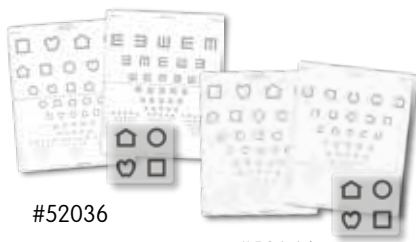
**All Evans contrast charts have a format of 62 cm x 65 cm.**



#52085

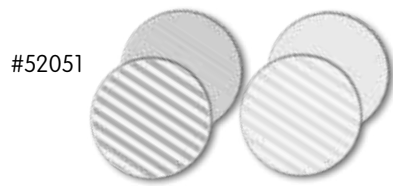


#52086



#52036

#52046



#52051

## Low Contrast tests charts

### MARS Low Contrast test – letters

Stock code: 52085

### MARS Low Contrast test – numbers

Stock code: 52086

Three plates with 48 optotypes in 0.04 log steps

Format: 22.8 cm x 35.6 cm

### LEA SYMBOLS®/ E-hooks – Low Contrast Wallchart

Stock code: 52036

(GL 254900)

### LEA SYMBOLS®/ Landolt rings – Low Contrast Wallchart

Stock code: 52046

(GL 254950)

15 lines in 2.5 % contrast, reciprocally printed, response plate included

VA from 0.10 to 2.50 (**3 m**), Format: 43 cm x 53.4 cm

### LEA GRATINGS® Low Contrast test

Stock code: 52051

(GL 253400)

For testing of contrast sensitivity at different contrast levels based on 4 grades (Contrast 10 %: 0.5 cpcm, 8.0 cpcm; Contrast 2.5 %: 0.5 cpcm and 4.0 cpcm). The test serves to determine the distance at which the patient can identify the direction of the lines.

Includes recording forms

Format: Ø 20.3 cm

## Low Contrast tests ring binders



#52222

### Adult Near Low Contrast Test – ring binder

7 pages with ETDRS Letters and Continuous Text in 100 %, 25 %, 10 %, 5 %, and 2.5 % contrast level.

VA from 0.20 to 1.00 as reading text, 0.05 to 2.00 as ETDRS chart **(40 cm)**

Format: 15.8 cm x 15.8 cm

**Stock code: 52222**

(GL 587700)



#52235

### Paediatric Near Low Contrast Test – ring binder

7 pages in full contrast (100 %), 25 %, 10 %, 5 %, 2.5 % and 1.25 % with LEA SYMBOLS® and LEA NUMBERS®.

VA from 0.05 to 1.25 **(40 cm)**, Format: 15.8 cm x 15.8 cm

**Stock code: 52235**

(GL 610800)

**NEW!**



#52236

### LEA SYMBOLS® – ring binder

With response chart and cover plate

Contrast: 2,5 %,

VA from 0.10 to 2.50 **(3 m)**, Format: 12.7 cm x 12.7 cm

**Stock code: 52236**

(GL 250625)

### LEA SYMBOLS® – ring binder – crowding edging

Contrast: 2,5 %

VA from 0.20 to 1.00 **(3 m)**, Format: 10.2 cm x 10.2 cm

**Stock code: 52239**

(GL 259225)



#52028

### LEA SYMBOLS® – Low Contrast ring binder

**Stock code: 52028**

(GL 251100)



#52075

### LEA NUMBERS® – Low Contrast ring binder

**Stock code: 52075**

(GL 270400)



#52181

### SLOAN Low Contrast ring binder – letters

5 pages in 25 %, 10 %, 5 %, 2.5 % and 1.25 % contrast **(1 m)**

Format: 8.25 cm x 22.9 cm

**Stock code: 52181**

(GL 736000)

### LEA SYMBOLS® – Low Contrast ring binder

**Stock code: 52028A**

(GL 251200)

### LEA NUMBERS® – Low Contrast ring binder

**Stock code: 52075A**

(GL 270500)

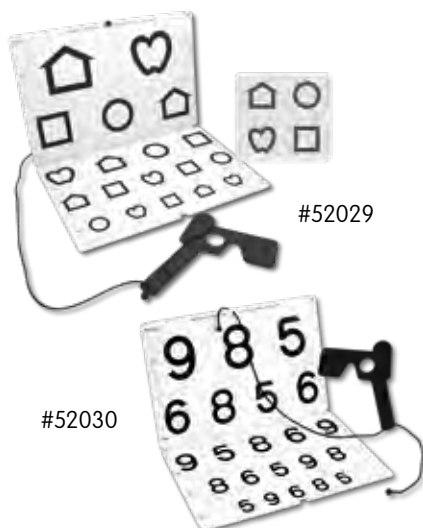
### SLOAN Low Contrast ring binder – letters

5 pages in 25 %, 10 %, 5 %, 2.5 % and 1.25 % contrast **(1 m)**

Random order, Format: 8.25 cm x 22.9 cm

**Stock code: 52182**

(GL 737000)



#52029

#52030

## 1 m tests

### LEA SYMBOLS® – Vision chart

**Stock code: 52029**  
(GL 258000)

### LEA NUMBERS® – Vision chart

With cord, foldable, response plate included  
VA from 0.02 to 1.00 (**1 m**)  
Format: 40.7 cm x 54.6 cm

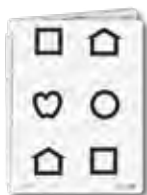
**Stock code: 52030**  
(GL 272100)

These charts are also for use with Low Vision

## Low Vision tests



#52047



#59807

### LEA SYMBOLS® – Low Vision book, Set (attached at the top)

**Stock code: 52047**  
(GL 527500)

### LEA SYMBOLS® – Low Vision book, Set (attached at the left)

For the examination of VA for near and distance in patients with severe visual impairment. Includes occluder for children and metal frame for adults.

**Stock code: 59807**  
(GL 527400)

VA from 0.0125 to 1.25 (**3 m**), 0.025 to 1.25 (**40 cm**)  
Format: approx. 26 cm x 34 cm



#52048



#59806

### LEA NUMBERS® – Low Vision book, Set (attached at the top)

**Stock code: 52048**  
(GL 527300)

### LEA NUMBERS® – Low Vision book, Set (attached at the left)

For the examination of VA for near and distance in patients with severe visual impairment. Includes occluder for children and metal frame for adults.

**Stock code: 59806**  
(GL 513100)

VA from 0.0125 to 1.25 (**3 m**), 0.025 to 1.25 (**40 cm**)  
Format: approx. 26 cm x 34 cm

## Low Vision tests



#52056

#52057

The images show each front and back of the reading plates.

**Reading plate** (german text)

**Reading plate** (english text)

reciprocally printed (Verdana)

Both reading plates come with a distance cord

The text in all VA lines has the same features: Continuous text of approx. 17 words, 5 single words, numbers

VA from 0.063 to 1.25 **(40 cm)**

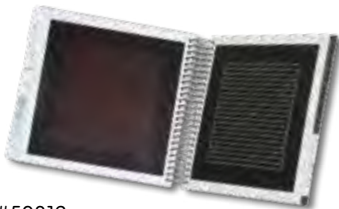
Format: 38 cm x 25 cm

**Stock code: 52056**

(GL 777000)

**Stock code: 52057**

(GL 777001)



#59812

**Amsler test ring binder** (GOOD-LITE®)

7 pages: Standard (Amsler Chart), Central (Scotoma Diagonal), Color Scotoma (Red on Black), No Lines (Dots), Metamorphopsia (Parallel Lines on Black), Metamorphopsia Reading card (Added Central Lines), Juxta-central (Standard with small squares).

**Stock code: 59812**

(GL 730026)



#52117

**LEA SYMBOLS® cards**

40 M/60 M, reciprocally printed

5 cards each, can be used as individual symbols or placed in a row

Size 60 M Cards: approx. 21.9 cm x 21.9 cm

Size 40 M Cards: approx. 15.25 cm x 15.25 cm

**Stock code: 52117**

(GL 256100)



#52124

**LEA NUMBERS® cards**

40 M/60 M, reciprocally printed

5 cards each, can be used as individual symbols or placed in a row

Size 60 M Cards: approx. 15.25 cm x 22.9 cm

Size 40 M Cards: approx. 10.2 cm x 15.25 cm

**Stock code: 52124**

(GL 272400)

The numerator (m) indicates the test distance, the denominator (M) indicates the distance at which the gap of the equivalent Landolt ring subtends 1 minute of arc. Example for Test distance 3 m:  $3/40 = 0.075$





#53527

## Accommodometer

**Accommodometer German text**

**Accommodometer English text**

RAF accommodometer for assessment of accommodation and convergence near point.

**Stock code: 53527**

**Stock code: 53527-E**



#53005

## Bagolini hand-held frame and lenses

**Bagolini hand-held frame (OCULUS®)**

Cylinders in 45°/135° for testing of binocular vision under normal viewing conditions

**Stock code: 53005**



#53019

**Bagolini lenses (OCULUS®)**

For trial frames (2 pieces), format: Ø 38 mm

**Stock code: 53019**

## Red glasses

#53003



**Dark Red glass (OCULUS®)**

For diplopia-provocation and angle-determination with the Maddox cross.

Size: Ø 38 mm

**Stock code: 53003**



#59520

**Trapezoid dark Red glass**

For tangent screen and examinations requiring a large glass diameter.

Size: 10 cm x 6 cm

**Stock code: 59520**



#53004

**Maddox cylinder (OCULUS®)**

For use in trial frames, for measuring deviation at fusion break point.

Size: Ø 38 mm

**Stock code: 53004**

## Red-Green glasses, frames & flippers

#53001



**Red-Green glasses (OCULUS®)**

**Stock code: 53001**

#53002



**Red-Green hand-held frame (OCULUS®)**

**Stock code: 53002**



#53016

**Red-Green flipper**  
4 lenses

**Stock code: 53016**  
(GL 494300)



**NEW!**  
#53025

**Wrap-around Red-Green glasses for adults**

**Stock code: 53025**  
(GL 153160)

**Wrap-around Red-Green glasses for children**

**Stock code: 53026**  
(GL 153170)

#53007



#59538

**Red-Green glasses for children with horse design**

**Stock code: 53007**  
(GL 461300)



**Red-Green glasses for children with butterfly design**

**Stock code: 59538**  
(GL 461200)

#59539



**Red-Green glasses for children with parrot design**

**Stock code: 59539**  
(GL 461400)

#59540



**Red-Green glasses for children with tiger design**

**Stock code: 59540**  
(GL 461500)

#53014



**Red-Green glasses**  
with elastic strap

**Stock code: 53014**

## Red-Green tests



#53013

**LED Red-Green test (Berens)**

**Stock code: 53013**  
(GL 153090)

Simple test to check binocular vision and fusion with three objects (dot/circle, figure, elephant).

#53017



**Flashlight LEA SYMBOLS®**

**Stock code: 53017**  
(GL 520600)

**WORTH 4-Dot Flashlight**

**Stock code: 53018**  
(GL 466800)



#53018

**Batteries required but not included**  
**For matching red-green glasses see above.**

## Occluders and Paddles



#59501

### Classic Cover-Test Paddle (OCULUS®)

With clip

**Stock code: 59501**



#59517

### Spielmann Occluder

semi-transparent

**Stock code: 59517**



#59590

### Semi-transparent Occluder

high transparency

**Stock code: 59590**  
(GL 760000)



#59581

### Pinhole Occluder

1 central pinhole (Ø 1.5 mm)

**Stock code: 59581**  
(GL 479500)



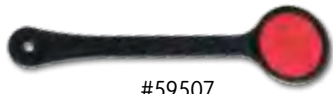
#59582

### Pinhole Occluder

49 pinholes, long handle

**Stock code: 59582**  
(GL 478500)

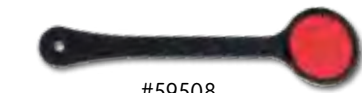
The images of the following items might differ slightly from the original.



#59507

### Occluder red glass

**Stock code: 59507**  
(GL 206001)



#59508

### Occluder Maddox cylinder

**Stock code: 59508**  
(GL 205001)



#59509

### Occluder Maddox cylinder / black

**Stock code: 59509**  
(GL 207000)



#59510

### Occluder Maddox cylinder / red

**Stock code: 59510**  
(GL 209000)



#59584

### Maddox Cylinder - central Pinhole

**Stock code: 59584**  
(GL 543500)

## Occluders and Paddles



#59544

### LEA™ Face disposable Occluders

50 pcs., can be given to the child following a health screening or a preventive paediatric check-up

**Stock code: 59544**

(GL 253200)

#59549



### Plastic Occluder set, curved, grey

6 pcs.

**Stock code: 59549**

(GL 750000)

#59550



### Plastic Occluder set, curved, black

6 pcs.

**Stock code: 59550**

(GL 751000)

#59545



### Plastic Occluder curved, grey

1 pc.

**Stock code: 59547**

(GL 700544)

### Plastic Occluder curved, black

1 pc.

**Stock code: 59548**

(GL 700545)

### Multiple Pinhole Spectacle Occluder

The holder enables rapid, complete coverage of the eye and visual acuity testing via multiple pinholes

**Stock code: 59545**

(GL 700010)

#53015



### Spectacle Occluder

The holder enables rapid, complete coverage of the eye

**Stock code: 59546**

(GL 700012)

### Polarisation/Red-green Flipper

4 lenses

**Stock code: 53015**

(GL 488400)

#53531



### Clip-on Occluder, beige

To be mounted on the glasses frame  
(Set of 6 pieces)

**Stock code: 53531**

(GL 481150)

#59567



### Clip-on Occluder, black

To be mounted on the glasses frame  
(1 piece)

**Stock code: 59567**

(GL 121002)

#53536



### Visual Field Fatigue Diffuser

For testing of VA and to conduct perimetry by fogging the contralateral eye. Plastic material  
(3 pieces)

**Stock code: 53536**

(GL 166000)

## Opaque Glass Occluders



**Butterfly opaque glass occluder**

**Stock code: 53009**

(GL 460811)



**Horse opaque glass occluder**

**Stock code: 59535**

(GL 460911)



**Parrot opaque glass occluder**

**Stock code: 59536**

(GL 461011)



**Tiger opaque glass occluder**

**Stock code: 59537**

Set of 2 frames (frosted lens) To enable visual acuity assessment even in the presence of nystagmus

(GL 461111)



**Sunflower occlusion glasses**

**Stock code: 59543**

Both sides can flip up for VA testing.

(GL 548500)



**Flip-Up Occluder Glasses (frosted lens)**

**Stock code: 59598**

(GL 587611)

**Flip-Up Occluder Glasses (opaque)**

**Stock code: 59599**

Both sides can flip up for VA testing.

(GL 587600)

Size: 12.5 cm x 5 cm (width x height)

Lens diameter: 4.5 cm, temporals 11.8 cm length



**Polarisation Occluder - butterfly**

**Stock code: 59533**

(GL 460400)



**Polarisation Occluder - tiger**

**Stock code: 59534**

(GL 460700)



**Polarisation Occluder - horse**

**Stock code: 59541**

(GL 462000)



**Polarisation Occluder - parrot**

**Stock code: 59542**

For binocular and stereoscopic testing.

(GL 462100)

## Paediatric Visual Testing Set



**Paediatric Visual Acuity Set**

**Stock code: 52233**

LEA SYMBOLS® / LEA NUMBERS® card #52018, LEA SYMBOLS®/ Tumbling E wallchart #52035, Butterfly opaque glass occluder #53009

Suitable stereo tests can be found on pages 68 and 69.



# Visual Acuity Tests for patients with dementia

- innovative
- easy and discreet testing
- quick evaluation



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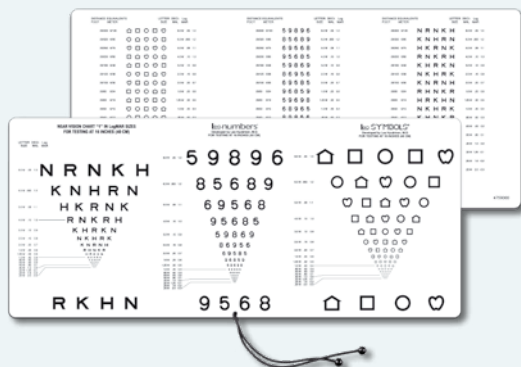
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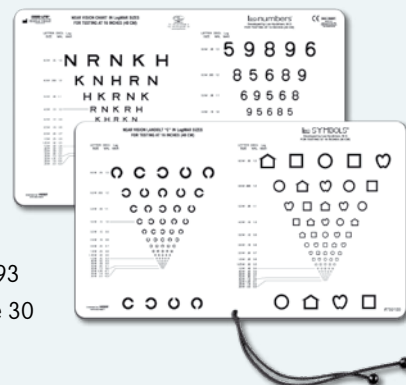
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Please visit our online shop:  
[www.eyesfirst.eu](http://www.eyesfirst.eu)

## OKN Instruments

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The slow phase of the nystagmus is in the same direction as the movement of the flag or the drum. The nystagmus is named after the direction of the quick phase.



#53502

**OKN flag in red-white**

Size: 9.5 cm x 71 cm

**Stock code: 53502**

(GL 547400)



#53541

**OKN flag in black-white**

Size: 9.5 cm x 71 cm

**Stock code: 53541**

(GL 607700)



#53519

**OKN flag in black-white**

Size: 25 cm x 68 cm

**Stock code: 53519**

(GL 607800)



#53510

**OKN drum for provocation and testing opto-kinetic nystagmus**

Height of drum: 26 cm

Overall height: 44 cm

Diameter: 18 cm

**Stock code: 53510**

(GL 547500)



#53516

## Nystagmus glasses Frenzel

### Nystagmus glasses (Frenzel) (DEHAG)

Stock code: 53516

High plus lenses disrupt fixation and therefore enable detection of spontaneous nystagmus. The +15 D glasses provide magnification for easy assessment of eye movements.

Battery version with illumination

**Batteries required but not included**



#59521

## Maddox-Wing test

### Maddox-Wing Test

Stock code: 59521

Quick and efficient near test for horizontal, vertical and cyclodeviations. Differentiation between phoria and tropia must be carried out separately.

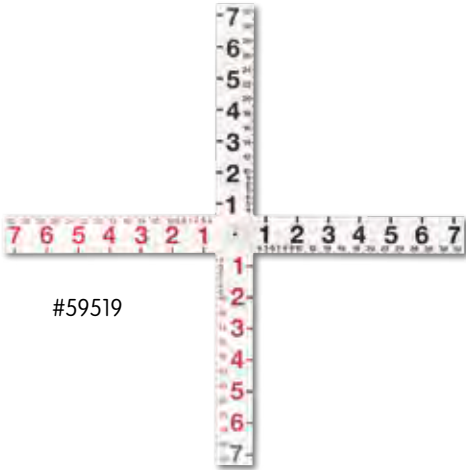
## Maddox Cross

### Maddox Cross with LED lights (OCULUS®)

Stock code: 59519

Scale for 5 m and 1 m, incl. LED lights and transformer. For easy testing of horizontal and vertical deviations.

Size: approx. 1.30 m (height / width)



#59519

## Trial Frames adults and children



#57019

### Universal Trial frame – our “special brand”

Cost effective classic standard trial frame with a maximum of 5 lenses in either aperture. Ø 38 mm, PD 50 mm to 80 mm.

**Stock code: 57019**

(GL 455500)



#57001

### Trial frame UB 3+ (OCULUS®)

Trial frame for clinics and medical practices, can hold a maximum of 5 lenses (Ø 38 mm) in either aperture (PD 48 mm to 80 mm).

**Stock code: 57001**



#57005

### Trial frame UB4 (OCULUS®)

Modern trial frame in appealing design. R/L adjustable PD (48 to 80 mm). For up to 5 lenses (Ø 38 mm) in either aperture.

**Stock code: 57005**



#57042

### Polarisation filter for UB 4 (OCULUS®)

As an accessory to attach on the UB 4 glasses, with height adjustment for distance- and near-vision testing; can be pivoted and rotated. The picture shows UB4 with polarisation filters already mounted.

**Stock code: 57042**



#57006

### Trial frame UB 5 (OCULUS®)

Light-weight trial frame in attractive design. With removable coloured knobs and adjustable PD (40 to 72 mm). For up to 5 small lenses (Ø 28 mm) in either aperture.

**Stock code: 57006**



#57049

### Trial frame UB 6 (OCULUS®)

The new development focused on ergonomics, simple handling and optimal wear comfort. Can be fitted with 6 trial lenses (Ø 38 mm) in either aperture (PD 46 mm to 80 mm).

**Stock code: 57049**



#57053

### Trial frame (OCULUS®)

Light weight trial frame for up to 3 lenses (Ø 38 mm) in either aperture. For refraction with adjustable PD (59 mm to 67 mm) and nose-pad.

**Stock code: 57053**



#57004

### Children trial frame (OCULUS®)

For up to 3 lenses (Ø 38 mm) in either aperture. For refraction with adjustable PD 54 mm to 58 mm and nose-pad.

**Stock code: 57004**

### Children trial frame – simple version (OCULUS®)

Without adjustable nose-pad (without image).

**Stock code: 57007**



#57046

### Trial frame, robust

Trial frame in robust quality (Ø 38 mm) with adjustable PD (54 mm to 70 mm).

**Stock code: 57046**

(GL 469900)

## Trial Frames children



#57050



#57046-A

### Baby trial frame COMO (PD 50 mm)

For up to 2 lenses (Ø 38 mm) in either aperture.

**Stock code: 57050**  
(GL 472300)

### Toddler trial frame COMO (PD 57 mm)

For up to 2 lenses (Ø 38 mm) in either aperture.

**Stock code: 57052**  
(GL 472400)

### Children trial frame, robust (image similar)

Trial frame for children in robust quality (Ø 38 mm) with adjustable PD 48 mm to 60 mm.

**Stock code: 57046-A**



#57015A

#57015B

## Refraction Trial Frame sets

### Refraction set for children

4 trial frames (Ø 38 mm) **with fixed PD** in the following sizes: PD 50, 52, 54, 56 mm

**Stock code: 57015A**

### Refraction set for adolescents and adults

6 trial frames (Ø 38 mm) **with fixed PD** in the following sizes: PD 58, 60, 62, 64, 66, 68 mm

**Stock code: 57015B**

## Refraction Glasses children

Useful for retinoscopy, testing of convergence excess and AC:A ratio.



Refraction glasses tiger	+1.50 D	(GL 528900)	<b>Stock code: 57010</b>
Refraction glasses butterfly	+1.50 D	(GL 516000)	<b>Stock code: 57039</b>
Refraction glasses horse	+1.50 D	(GL 525900)	<b>Stock code: 57041</b>
Refraction glasses parrot	+1.50 D	(GL 525700)	<b>Stock code: 57040</b>
Refraction glasses tiger	+2.00 D	(GL 491300)	<b>Stock code: 57011</b>
Refraction glasses butterfly	+2.00 D	(GL 491000)	<b>Stock code: 57029</b>
Refraction glasses horse	+2.00 D	(GL 491100)	<b>Stock code: 57030</b>
Refraction glasses parrot	+2.00 D	(GL 491200)	<b>Stock code: 57031</b>
Refraction glasses tiger	+2.50 D	(GL 500611)	<b>Stock code: 57035</b>
Refraction glasses butterfly	+2.50 D	(GL 500300)	<b>Stock code: 57032</b>
Refraction glasses horse	+2.50 D	(GL 500400)	<b>Stock code: 57033</b>
Refraction glasses parrot	+2.50 D	(GL 500500)	<b>Stock code: 57034</b>
Refraction glasses tiger	+3.00 D	(GL 515200)	<b>Stock code: 57012</b>
Refraction glasses butterfly	+3.00 D	(GL 514900)	<b>Stock code: 57036</b>
Refraction glasses horse	+3.00 D	(GL 515100)	<b>Stock code: 57037</b>
Refraction glasses parrot	+3.00 D	(GL 515000)	<b>Stock code: 57038</b>



## Trial Lenses set



#57045



### Trial Lenses set

90 lenses (Ø 38 mm) with metal rim, spherical 0.25 D to 10.00 D, minus cylinders 0.25 D to 3.00 D, 6 additional lenses (Occluder, Pinhole, Slit, Red Filter, Maddox Red Filter, Green Filter) plus Jackson cross cylinder 0.25 D with handle (all lenses without anti reflective coating).

Stock code: 57045

For a selection of single lenses and additional lenses see page 66

## Jackson Cross cylinders



#57002

For subjective refraction

**Jackson cross cylinder**  $\pm 0.25$  D

**Jackson cross cylinder**  $\pm 0.50$  D

**Jackson cross cylinder**  $\pm 0.75$  D

**Jackson cross cylinder**  $\pm 1.00$  D

Stock code: 57002

Stock code: 57003

Stock code: 57043

Stock code: 57044

## Confirmation bar



#57008

### Confirmation bar (OCULUS®)

For spherical fine adjustment in subjective refraction.  
 $\pm 0.25$  D und  $\pm 0.50$  D

Stock code: 57008

## Retinoscopy Bar sets



#57000

### Retinoscopy bar set (Luneau)

Retinoscopy bars in parallel arrangement, one plus and minus bar each from 0.5 D to 15.0 D, incl. case, Powers per bar: 0.5; 1.0; 1.5; 2.0; 2.5; 3.0; 3.5; 4.0; 5.0; 6.0; 7.0; 8.0; 9.0; 10.0; 12.0; 15.0 D  
Glass diameter approx. 15 mm

Stock code: 57000



#57020

### Retinoscopy bar set with axis specification (GOOD-LITE®)

Powers per bar: 0.5; 1.0; 1.5; 2.0; 2.5; 3.0; 3.5; 4.0; 4.5; 5.0; 5.5; 6.0; 6.5; 7.0; 8.0 and 12 D.

One plus and minus bar of 0.5 D to 12.0 D each, in case.

The 180° Tabo notation above the lenses facilitates determination of the cylinder axis position.

Glass diameter approx. 16 mm

Stock code: 57020

(GL 506600)



## Confirmation Flippers spherical

Binocular confirmation flippers of various power, each with 2 parallel plus and minus lenses

<b>Confirmation flipper</b> ±0.25 D	(GL 127025)	<b>Stock code: 57021</b>
<b>Confirmation flipper</b> ±0.50 D	(GL 127050)	<b>Stock code: 57022</b>
<b>Confirmation flipper</b> ±0.75 D	(GL 127075)	<b>Stock code: 57023</b>
<b>Confirmation flipper</b> ±1.00 D	(GL 127100)	<b>Stock code: 57024</b>
<b>Confirmation flipper</b> ±1.25 D	(GL 127125)	<b>Stock code: 57025</b>
<b>Confirmation flipper</b> ±1.50 D	(GL 127150)	<b>Stock code: 57026</b>
<b>Confirmation flipper</b> ±1.75 D	(GL 127175)	<b>Stock code: 57027</b>
<b>Confirmation flipper</b> ±2.00 D	(GL 127200)	<b>Stock code: 57028</b>
<b>Confirmation flipper</b> ±2.50 D	(GL 127250)	<b>Stock code: 57047</b>
<b>Confirmation flipper</b> ±3.00 D	(GL 127300)	<b>Stock code: 57048</b>

#57051



**Confirmation flipper set**  
6 pieces, including stand  
Powers: 0.25 D, 0.50 D, 0.75 D, 1.00 D, 1.50 D, 2.00 D

**Stock code: 57051**  
(GL 499700)



## Prism Flippers

<b>Prism flipper</b> 1△	(GL 137001)	<b>Stock code: 55435</b>
<b>Prism flipper</b> 2△	(GL 137002)	<b>Stock code: 55429</b>
<b>Prism flipper</b> 3△	(GL 137003)	<b>Stock code: 55430</b>
<b>Prism flipper</b> 4△	(GL 137004)	<b>Stock code: 55431</b>
<b>Prism flipper</b> 6△	(GL 137006)	<b>Stock code: 55432</b>
<b>Prism flipper</b> 8△	(GL 137008)	<b>Stock code: 55433</b>

The indicated power relates to the single prism.

#55434



**Prism Flipper Set** (image similar)  
Set with 6 prism powers:  
Powers: 1△, 2△, 3△, 4△, 6△, 8△

**Stock code: 55434**  
(GL 624500)

**Stand for 6 Confirmation/Prism Flippers**

**Stock code: 59964**  
(GL 501600)



## Metal Rim lenses

Suitable for perimetry and any examinations where a large visual field is required (38 mm diameter).

	Stock code:		Stock code:		Stock code:
Metal Rim lens	+0.25 D 57200	Metal Rim lens, cylinder	-3.75 D 57244	Metal Rim lens	+13.00 D 57288
Metal Rim lens	-0.25 D 57201	Metal Rim lens	+4.00 D 57245	Metal Rim lens	-13.00 D 57289
Metal Rim lens, cylinder	-0.25 D 57202	Metal Rim lens	-4.00 D 57246	Metal Rim lens	+14.00 D 57290
Metal Rim lens	+0.50 D 57203	Metal Rim lens, cylinder	-4.00 D 57247	Metal Rim lens	-14.00 D 57291
Metal Rim lens	-0.50 D 57204	Metal Rim lens	+4.25 D 57248	Metal Rim lens	+15.00 D 57292
Metal Rim lens, cylinder	-0.50 D 57205	Metal Rim lens	-4.25 D 57249	Metal Rim lens	-15.00 D 57293
Metal Rim lens	+0.75 D 57206	Metal Rim lens	+4.50 D 57250	Metal Rim lens	+16.00 D 57294
Metal Rim lens	-0.75 D 57207	Metal Rim lens	-4.50 D 57251	Metal Rim lens	-16.00 D 57295
Metal Rim lens, cylinder	-0.75 D 57208	Metal Rim lens, Cylinder	-4.50 D 57252	Metal Rim lens	+18.00 D 57296
Metal Rim lens	+1.00 D 57209	Metal Rim lens	+4.75 D 57253	Metal Rim lens	-18.00 D 57297
Metal Rim lens	-1.00 D 57210	Metal Rim lens	-4.75 D 57254	Metal Rim lens	+20.00 D 57298
Metal Rim lens, cylinder	-1.00 D 57211	Metal Rim lens	+5.00 D 57255	Metal Rim lens	-20.00 D 57299
Metal Rim lens	+1.25 D 57212	Metal Rim lens	-5.00 D 57256	Plano lens	57300
Metal Rim lens	-1.25 D 57213	Metal Rim lens, cylinder	-5.00 D 57257	Frosted lens	57301
Metal Rim lens, cylinder	-1.25 D 57214	Metal Rim lens	+5.25 D 57258	Occluder, black	57302
Metal Rim lens	+1.50 D 57215	Metal Rim lens	-5.50 D 57259	Red filter	57303
Metal Rim lens	-1.50 D 57216	Metal Rim lens	+5.50 D 57260	Green filter	57304
Metal Rim lens, cylinder	-1.50 D 57217	Metal Rim lens	-5.50 D 57261	Pinhole	1.5 mm 57305
Metal Rim lens	+1.75 D 57218	Metal Rim lens, cylinder	-5.50 D 57262	Pinhole	1.0 mm 57306
Metal Rim lens	-1.75 D 57219	Metal Rim lens	+5.75 D 57263	Slit	1.5 mm 57307
Metal Rim lens, cylinder	-1.75 D 57220	Metal Rim lens	-5.75 D 57264	Slit	1.0 mm 57308
Metal Rim lens	+2.00 D 57221	Metal Rim lens	+6.00 D 57265	Marking cross	57310
Metal Rim lens	-2.00 D 57222	Metal Rim lens	-6.00 D 57266	Prism lens	0.50△ 57311
Metal Rim lens, cylinder	-2.00 D 57223	Metal Rim lens, cylinder	-6.00 D 57267	Prism lens	1.00△ 57312
Metal Rim lens	+2.25 D 57224	Metal Rim lens	+6.50 D 57268	Prism lens	2.00△ 57313
Metal Rim lens	-2.25 D 57225	Metal Rim lens	-6.50 D 57269	Prism lens	3.00△ 57314
Metal Rim lens, cylinder	-2.25 D 57226	Metal Rim lens	+7.00 D 57270	Prism lens	4.00△ 57315
Metal Rim lens	+2.50 D 57227	Metal Rim lens	-7.00 D 57271	Prism lens	5.00△ 57316
Metal Rim lens	-2.50 D 57228	Metal Rim lens	+7.50 D 57272	Prism lens	6.00△ 57317
Metal Rim lens, cylinder	-2.50 D 57229	Metal Rim lens	-7.50 D 57273	Prism lens	8.00△ 57318
Metal Rim lens	+2.75 D 57230	Metal Rim lens	+8.00 D 57274	Prism lens	10.00△ 57319
Metal Rim lens	-2.75 D 57231	Metal Rim lens	-8.00 D 57275	Maddox Cylinder	white 57309
Metal Rim lens, cylinder	-2.75 D 57232	Metal Rim lens	+8.50 D 57276		(GL 473200)
Metal Rim lens	+3.00 D 57233	Metal Rim lens	-8.50 D 57277	Maddox Cylinder	red 57320
Metal Rim lens	-3.00 D 57234	Metal Rim lens	+9.00 D 57278		(GL 473000)
Metal Rim lens, cylinder	-3.00 D 57235	Metal Rim lens	-9.00 D 57279		
Metal Rim lens	+3.25 D 57236	Metal Rim lens	+9.50 D 57280		
Metal Rim lens	-3.25 D 57237	Metal Rim lens	-9.50 D 57281		
Metal Rim lens, cylinder	-3.25 D 57238	Metal Rim lens	+10.00 D 57282		
Metal Rim lens	+3.50 D 57239	Metal Rim lens	-10.00 D 57283		
Metal Rim lens	-3.50 D 57240	Metal Rim lens	+11.00 D 57284		
Metal Rim lens, cylinder	-3.50 D 57241	Metal Rim lens	-11.00 D 57285		
Metal Rim lens	+3.75 D 57242	Metal Rim lens	+12.00 D 57286		
Metal Rim lens	-3.75 D 57243	Metal Rim lens	-12.00 D 57287		

All lenses have a diameter of 38 mm.

## Retina Lenses MediWorks

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#57700

### Retina lens 20 D

High degree of light transmission, double aspherical precision design, large observation field (material: glass).

Magnification: 3.13 x, Lens diameter: 48 mm, Visual field: 46°;  
Working distance: 50 mm

**Stock code: 57700**



#57701

### Retina lens 78 D

High degree of light transmission, double aspherical precision design, large observation field (material: glass).

Magnification: 0.93 x, Lens diameter: 26 mm, Visual field: 81.4°  
Working distance: 8 mm

**Stock code: 57701**



#57702

### Retina lens 90 D

High degree of light transmission, double aspherical precision design, large observation field (material: glass).

Magnification: 0.76 x, Lens diameter: 21 mm, Visual field: 74.2°  
Working distance: 7 mm

**Stock code: 57702**



**NEW!**

#54000-R

## LANG Stereo tests

**LANG Test I-R** new edition

3 objects with 1200, 600 and 400, suitable for use with stereopsis screening from approx.

age 12 months.

**Stock code: 54000-R**



#54001

**LANG Test II**

4 objects with 600, 400 and 200, with a control object that is also detected monocularly. Suitable for use with stereopsis screening from approx.

age 12 months old.

**Stock code: 54001**



**NEW!**

#54021

**LANG STEREOPAD®**

6 magnetic test cards from 1000" to 50", which can be arranged individually or in groups. Suitable for stereo screening from 12 months of age on a preferential looking basis.

**Stock code: 54021**

**Monopod - support for LANG-STEREOPAD®**

**Stock code: 54021-S**

#54021-S



**No glasses are needed to perform the LANG stereo tests.**

## Stereo tests diverse

#54003



**Titmus stereo test fly** (Stereo Optical)

Fly, rings, animals, from 3552" to 40"

Polarisation glasses included

**Stock code: 54003**

#54005



**Titmus stereo test butterfly** (Stereo Optical)

Butterfly, rings, animals from 2500" to 40"

Polarisation glasses included

**Stock code: 54005**

#54004



**Randot stereo test** (Stereo Optical)

Symbols, rings, animals, from 500" to 20"

Polarisation glasses included

**Stock code: 54004**





#54006



#54007



**NEW!**

#54020



#54002



#54018

## Stereo tests diverse

### Stereo test "Fly" with LEA SYMBOLS® (Stereo Optical)

Random dot Stereo test with fly, rings and LEA SYMBOLS®, from 4800" to 20" With legend on the back and polarisation glasses

**Stock code: 54006**

### Stereo test "Butterfly" with LEA SYMBOLS® (Stereo Optical)

Random dot Stereo test with butterfly, rings and LEA SYMBOLS®, from 2500" to 20"  
With legend on the back and polarisation glasses

**Stock code: 54007**

### Dinosaur Randot stereo test (Bernell)

New, glasses free stereo test with lenticular technology. Images can either appear to protrude outwards or recede inwards.  
Stereopsis from 400" to 40"

**Stock code: 54020**  
(GL 370129)

### TNO Test

With Red-Green glasses, different tests for binocularity and stereopsis in a ring binder. Contains 6 plates

**Stock code: 54002**  
Verfügbarkeit  
auf Anfrage

### TNO Test without Red-Green glasses)

**Stock code: 54002-A**  
Verfügbarkeit  
auf Anfrage

### TNO Red-Green glasses (red = left)

**Stock code: 54002-B**  
Verfügbarkeit  
auf Anfrage

**Please note: the TNO glasses have the red filter on the left side.**

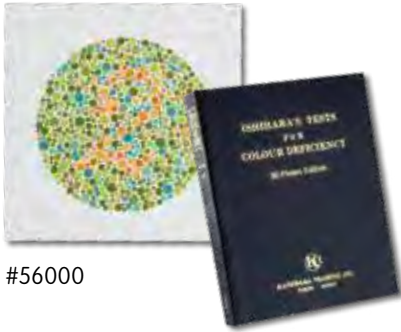
## Stereo tests based on preferential looking:

### Random DOT test "E" (VAC)

Simple stereo screening test using "E". The letter can only be identified in the correct letter alignment when standing in front.  
With test and blank card and 2 polarisation glasses

**Stock code: 54018**  
(GL 101550)

## Colour tests



#56000

### Ishihara colour test with 38 plates

The classic colour test for quick reference, with numbers and shapes.

**Stock code: 56000**

### Ishihara colour test with 24 plates

**Stock code: 56013**

### Ishihara colour test with 14 plates

**Stock code: 56010**



#56010

### Farnsworth D-15 (Luneau)

Abbreviated Farnsworth 100 Hue test as short screening test for differentiation between slight and distinct colour blindness.

**Stock code: 56001**

#56001

### Recording forms for Farnsworth D 15 100 sheets

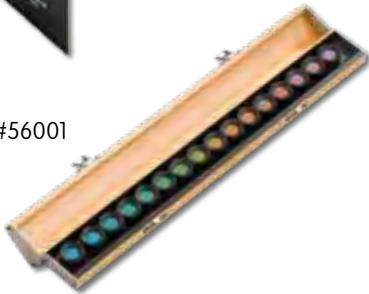
**Stock code: 56006**

### Recording forms for Lanthony 15 hue 100 sheets

**Stock code: 56007**

### Recording forms for Farnsworth 100 hue 100 sheets

**Stock code: 56009**



### Farnsworth D-15 (GOOD-LITE®)

Serves as a quick screening test for the differentiation of mild and advanced colour deficiencies.

**Stock code: 56019**

(GL 730022)



#56019

### Lanthony colour test (GOOD-LITE®)

Desaturated Farnsworth D-15 test

**Stock code: 56021**

(GL 730023)



#56014

## Colour tests

### LEA™ Panel 16 – Colour test

With large colour discs (Ø 3.3 cm) for testing of Low-Vision patients  
Travel Tube with black cloth for testing. Includes rings to reduce  
aperture for general testing  
Format Travel Tube: Ø 6 cm, Length: 22 cm

**Stock code: 56014**  
(GL 260260)

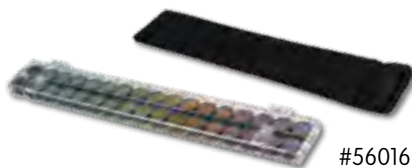


#56018

### LEA™ Panel 16 – Colour test

With large colour discs (Ø 3.3 cm) for testing of Low-Vision patients,  
in a transparent box  
Format Box: 74 cm x 8.5 cm

**Stock code: 56018**  
(GL 260200)



#56016

### LEA™ Panel 16 – Colour test, double set

The double set makes it easier to perform the colour test, especially  
on children. In this test, the colour patterns are laid out in any sequence  
and the child is asked to allocate the matching colour values from the  
second set.  
Format Box: 74 cm x 8.5 cm, colour disc diameter of 3.3 cm

**Stock code: 56016**  
(GL 260100)



#56017

### LEA™ Panel 16 – Colour test – double set in a Travel Tube

With large colour discs (Ø 3.3 cm) for testing of Low-Vision patients.  
Format: 2 Tubes à Ø 6 cm, Length: 22 cm

**Stock code: 56017**  
(GL 260160)

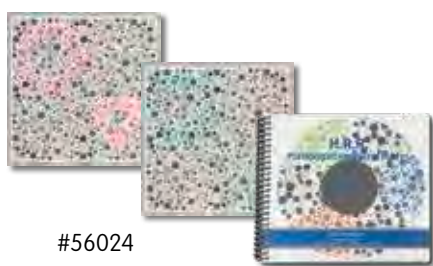


**NEW!**  
#56015

### Waggoner colour test "Color Vision Screening Made Easy"

The popular colour test with symbols is now available again in a new  
version. Contains 1 demonstration card and 9 test cards with circle,  
star, square for rapid screening of colour vision and 4 additional charts  
for screening.

**Stock code: 56015**



#56024

### HRR Colour test, laminated version (GOOD-LITE®)

The HRR (Hardy Rand and Rittler) Standard Pseudoisochromatic Test,  
4th Edition provides several important features to provide the most  
advanced color vision test available: congenital and acquired testing,  
identification of the type of defect and diagnosis of the extent of the  
defect as well as quick positive classification of normals. The figures  
(circle, cross, triangle) used by the HRR Pseudoisochromatic Plates are  
independent of language and suitable for both adults and children.  
Contents: 4 demonstration plates, 6 plates for Screening, 14 plates  
to diagnose color deficiency.

**Stock code: 56024**  
(GL 730005)



#56028

### HRR Colour Test / Amsler Test, laminated (GOOD-LITE®)

Ring binder with HRR Colour Test pages and Amsler Test pages.

**Stock code: 56028**  
(GL 730020)

## Visual Field tests

#53511



### LEA FLICKER WAND®

Improves Confrontation Visual Field testing. With flickering or non-flickering stimulus. The curved wand is moved from behind the person forward in all four quadrants of VF to detect losses in the periphery of the VF. In particular useful in assessment of Low Vision and in Rehabilitation.

Format: 67.3 cm length in total.

**Stock code: 53511**

(GL 280000)

#53508



### Damato Campimeter

Hand-held, portable visual field test, reciprocally printed. Ideal for testing in cases where normal VF testing is impractical. Tests 30° central VF by presenting a black-white stimulus. The patient is asked to fixate the relevant dots marked by numbers.

Format: 41 cm x 41 cm

**Stock code: 53508**

(GL 293000)

#59812



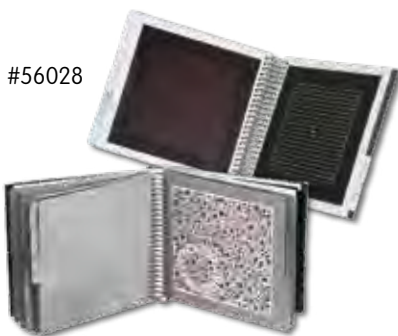
### Amsler test ring binder (GOOD-LITE®)

7 pages: Standard (Amsler Chart), Central (Scotoma Diagonal), Color Scotoma (Red on Black), No Lines (Dots), Metamorphopsia (Parallel Lines on Black), Metamorphopsia Reading card (Added Central Lines), Juxta-central (Standard with Small Squares).

**Stock code: 59812**

(GL 730026)

#56028



### HRR Colour Test / Amsler Test, laminated (GOOD-LITE®)

Ring binder with HRR Colour Test pages and Amsler Test pages.

**Stock code: 56028**

(GL 730020)

## Consumables



#53700

### Single-use Tonometer Prisms L900 (Luneau)

For all types of Goldmann applanation tonometers incl. Perkins tonometer. The individually sterile-packaged tonometer heads prevent cross contamination and are particularly useful in infectious diseases and after surgeries. Excellent image quality, simple handling.  
100 pieces/box

**Stock code: 53700**

**PZN: 10408529**

Staffelpreise für Großmengen auf Anfrage

Application graphic for download



#53536

### Visual Field Fatigue Diffuser

For testing of VA and to conduct perimetry by fogging the contralateral eye. Plastic material (3 pieces)

**Stock code: 53536**

(GL 166000)



## Miscellaneous diagnostic eye products



#53540

### Aesthesiometer Cochet-Bonnet (Luneau)

Classic Aesthesiometer to measure corneal sensitivity with nylon thread 12/100 mm.

**Stock code: 53540**

### Replacement fil for Aesthesiometer (Luneau)

Caliper: 12/100 mm

**Stock code: 53540-E**



#59596

### Marsden Fixation Ball

3.2" hollow ball made of durable vinyl with applied black letters and numbers on a 10 foot cord.

For testing and training of eye movements.

**Stock code: 59596**

(GL 108100)

#59600



### QuikVue® VPA-100

Smartphone adaptor for anterior segment photography.

**Stock code: 59600**



#59601

### Filter set for QuikVue® VPA-100

Red and yellow filter (VFR-100(VFY-100) for cornea inspection or contact lens fitting

**Stock code: 59601**

#59602



### QuikVue® VPA-100 with filter set

Set contains the items #59600 and #59601

**Stock code: 59602**

Quikvue works with all smart-phones which cameras are located at the left or right side.

## Miscellaneous diagnostic eye products

#59545



### Multiple Pinhole Spectacle Occluder

**Stock code: 59545**

(GL 700010)

### Spectacle Occluder without pinhole

The holder enables rapid, complete coverage of an eye for visual acuity testing via multiple pinholes (without image).

**Stock code: 59546**

(GL 700012)

#59506



### Polarisation Glasses for adults

suitable in combination with Stereo tests

**Stock code: 59506**

(GL 103050)

#59528



### Polarisation Glasses, intermediate size

suitable in combination with Stereo tests

**Stock code: 59528**

(GL 103175)

#59514



### Polarisation Glasses for children

suitable in combination with Stereo tests

**Stock code: 59514**

(GL 103150)

#57016



### Nose pad blue, soft (OCULUS®)

3 pieces, for OCULUS® trial frames

**Stock code: 57016**

(OC 42511)

### Nose pad black, soft (OCULUS®)

2 pieces, for classic OCULUS® UB 3 only

**Stock code: 57017**

(OC 42183)

#57018



### Nose pad for OCULUS® children's trial frame (OCULUS®)

1 piece

**Stock code: 57018**

(OC 42483)

## Miscellaneous diagnostic eye products



**NEW!**

#53515

**LEA™ book "What and How Does This Child See?" (2nd edition)**  
The book covers different aspects of visual function and maturation (in English).

**Stock code: 53515**  
(GL 791000)

**LEA™ USB stick "What and How Does This Child See?"**  
USB version of the book (in English)

**Stock code: 53542**  
(GL 792000)

#53517



**DVD "Leo Learns By Doing"**  
The DVD tells the story of a visually impaired child named Leo. Step by step, the therapist explains techniques that parents can use to develop and support Leo's existing abilities. Soundtrack in English, Finnish, Swedish, Russian, Chinese and Spanish.

**Stock code: 53517**  
(GL 790000)



#52031

**LEA™ Symbols response plate**  
4 objects/plate, semi-transparent

**Stock code: 52031**  
(GL 251701)



#52032

**LEA™ Symbols response cards**  
4 single cards

**Stock code: 52032**  
(GL 251800)



#52242

**LEA™ Symbols response plate – crowding edging**  
4 objects/plate

**Stock code: 52242**  
(GL 255303)



#52241

**LEA™ Numbers response plate**  
4 Numbers/plate

**Stock code: 52241**  
(GL 270030)



#52033

**HOTV response cards**  
4 single cards

**Stock code: 52033**  
(GL 700515)



#52034

**HOTV response plate**  
4 objects/plate

**Stock code: 52034**  
(GL 700523)



#52245

**HOTV response plate – crowding edging**  
4 objects/plate

**Stock code: 52245**  
(GL 700530)



#57013

**Reversible Occluding Glasses**  
Occluding glasses for rapid reversible occlusion in vision tests and monocular exercises.

**Stock code: 57013**  
(GL 452300)

## Miscellaneous diagnostic eye products



#53525

### Hertel Mirror Exophthalmometer (OCULUS®)

Classic mirror exophthalmometer for measuring protrusion in bilateral comparison. Scale with mm increments

**Stock code: 53525**

**NEW!**

#53010



### Neutral Density filter (Gulden)

To examine afferent pupillary defects (APD). Also suitable as alternative to the Sbisa bar.

Filter values: 0.3; 0.6; 0.9; 1.2; 1.5; 1.8 density log units.

**Stock code: 53010**

(GL 151170)

#53521



### Pupillometer (Bernell)

The front shows different pupil diameters, the back lists expected pupil size in different lighting.

Set of 5 pieces

Format: Ø approx. 83 mm

**Stock code: 53521**

(GL 566500)

#53535



### Flashing Fixation Star for Retinoscopes/Ophthalmoscopes

Set of 3 for Welch Allyn® and Keeler Ophthalmoscopes and Retinoscopes. Comes with double-sided tape for mounting.

**Stock code: 53535**

(GL 489000)

#57532



### HEINE® Fixation Cards with holder

for dynamic retinoscopy to be fixed on the BETA® 200 Retinoscope.

**Stock code: 57532**

(HEINE C-000.15.360)

#59588



### Diagnostic Torch Penlight

Handy diagnostic torch with replaceable batteries.

**Stock code: 59588**

#59959



### Brock string with 5 beads

Package of 12 strings, length 3 m.

**Stock code: 59959**

(GL 593800)

### Single Brock string

**Stock code: 59959-A**

(GL 603200)

## Miscellaneous diagnostic eye products



#53500

**Indicator – E-hook (OCULUS®)**

**Stock code: 53500**



#53501

**Indicator – Landolt ring (OCULUS®)**

**Stock code: 53501**



#59577

**Landolt-C Response Optotype**

Made of durable plastic  
Format: Ø approx. 15 cm

**Stock code: 59577**  
(GL 602600)



#59585

**Tumbling E Response Optotype**

Made of durable plastic  
Format: approx. 15 cm x 15 cm

**Stock code: 59585**  
(GL 673700)



#149

**LEA™ Ruler Pads**

Pad of 25 sheets as give away for patients. Helps to practice the LEA symbols response at home.

**Stock code: 149**

**QR code for multi-lingual product information regarding LEA™ tests**

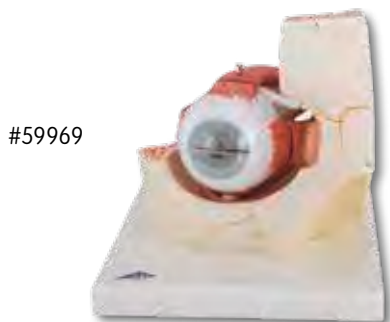


#59968

**Eye model, 6-part**

Eye model standing on base, 3 times full-size. Separates into two halves with retina, iris, lens and vitreous body.

**Stock code: 59968**



#59969

**Eye model in eye socket, 7-part**

Eye model in eye socket, 3 times full-size. Presentation with optic nerve in natural position in the eye socket. Separates into two halves with cornea, muscle insertions, retina, iris, lens and vitreous body.

**Stock code: 59969**



The ORTOPAD selection

**ORTOPAD**  
boys

Boxes of 50  
 large scale designs



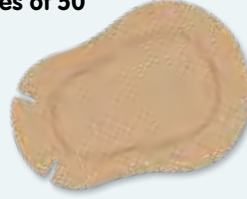
**ORTOPAD**<sup>®</sup>

Boxes of 50



**ORTOPAD**<sup>®</sup> Skin

Boxes of 50



**ORTOPAD**<sup>®</sup> funpack

Boxes of 50



**ORTOPAD**  
girls

Boxes of 50  
 large scale designs



Glow in the dark

**ORTOPAD** SOFT  
boys

Boxes of 50



**ORTOPAD** SOFT  
girls

Boxes of 50



**ORTOPAD**<sup>®</sup> BOYS

Boxes of 50



**ORTOPAD**<sup>®</sup> GIRLS

Boxes of 50





## Ophthalmoscopes



#57501



**HEINE BETA® 200S Ophthalmoscope\***

74 different diopter-steps, aspherical optics. 7 different filter, incl. fixation-star with polar coordinate, 3.5 V.

**Stock code: 57500**  
(HEINE C-002.30.120)



**HEINE BETA® 200S LED Ophthalmoscope\***

74 different diopter-steps, aspherical optics. 7 different filter, incl. fixation-star with polar coordinate, 3.5 V. LED Ophthalmoscope with continuous brightness control between 100 % and 3 %.

**Stock code: 57500-L**  
(HEINE C-008.30.120)



**HEINE BETA® 200 Ophthalmoscope\***

28 different diopter-steps, aspherical optics, 6 different filter, incl. fixation star with polar coordinate, 3.5 V.  
(image shows ophthalmoscope with separate handle)

**Stock code: 57501**  
(HEINE C-002.30.100)



**HEINE BETA® 200 LED Ophthalmoscope\***

28 different diopter-steps, aspherical optics, 6 different filter, incl. fixation star with polar coordinate, 3.5 V. LED Ophthalmoscope with continuous brightness control between 100 % and 3 %.

**Stock code: 57501-L**  
(HEINE C-008.30.100)



#57556

**HEINE BETA® 200 Ophthalmoscope M2 filters\***

27 different diopter-steps, aspherical optics, 6 different filter, incl. fixation star without polar coordinate.

**Stock code: 57501A**  
(HEINE C-002.30.102)



**HEINE K 180® Ophthalmoskop\***

27 different diopter-steps, spherical optics, as standard-Ophthalmoscope. 5 different filter, incl. fixation star with polar coordinate, 3.5 V.

**Stock code: 57502**  
(HEINE C-002.30.206)



**HEINE mini 3000® LED Ophthalmoscope**

Handy ophthalmoscope with LED lighting, and batteries housed in handle (standard AA size). Maintenance-free, since no lamp replacement is necessary.

**Stock code: 57556**  
(HEINE D-008.71.120)



#57541

**HEINE® Indirect Ophthalmoscope, handheld\***

Monocular ophthalmoscope in pocket format for the ward round and when out and about. One-handed operation with integrated interference red-free filter and + 3 D loupe attachment. Additional binocular attachment available. Fitting 3.5 V rechargeable handles incl. Lens attachment.

**Stock code: 57541**  
(HEINE C-002.33.001)



#57542

**HEINE® Binocular Attachment for Indirect Ophthalmoscope\***

PD selection from 54 to 74 mm. Symmetrical fine-tuning of pupillary distance. Multi-coated precision optics with outstanding image quality.  
(image shows indirect handheld ophthalmoscope with mounted binocular attachment)

**Stock code: 57542**  
(HEINE C-000.33.106)

For the matching handles and accessories please refer to page 83.

\* without handle



## Ophthalmology Sets

#57570



### Diagnostic Set HEINE BETA® 200 LED

BETA® 200 Ophthalmoscope with LED, Retinoscope (LED), BETA 4 USB rechargeable handle and USB cord with plug-in power supply.

Including hard box

**Stock code: 57570**  
(HEINE C-145.28.388)



### HEINE K 180® Ophthalmology set

Ophthalmoscope with battery handle, 2.5 V

This handle does not fit the chargers and uses standard batteries size "C". (batteries not included)

**Stock code: 57567**  
(HEINE C-182.10.118)



#57567

## Retinoscopes



#57503

For the matching handles and accessories please refer to page 83 to 85.

### HEINE BETA® 200 Retinoscope\*

Streak-retinoscope with para-stop® for precise adjustment of a parallel beam course, with integrated polarisation filter. By simply replacing the lamp, change from streak to spot retinoscopy, 3.5 V. Detachable orange filter for reflex reduction is available separately (see page 85).

**Stock code: 57503**  
(HEINE C-002.15.353)

### HEINE BETA® 200 LED Retinoscope\*

LED retinoscope with a brilliant streak image. Completely homogeneous and bright light for a precise, fast diagnosis.

**Stock code: 57503-L**  
(HEINE C-008.15.353)

## Ophthalmoscopy Lenses



#57559

#57560

#57561

High quality aspheric ophthalmoscopy lenses with multi coating for distortion-free retinal image (material: glass).

### 16 D, aspheric

Ø 54 mm

**Stock code: 57559**  
(HEINE C-000.17.225)

### 20 D, aspheric

Ø 50 mm

**Stock code: 57560**  
(HEINE C-000.17.228)

### 30 D, aspheric

Ø 46 mm

**Stock code: 57561**  
(HEINE C-000.17.231)

\* without handle





## Hand-held Instruments



#57563



#57565

### HEINE® Lambda 100 Retinometer\*

For determining potential visual acuity in the case of cataracts and other opacities. Can be used anywhere, even with bedridden patients. First compact instrument of this type. XHL xenon halogen technology with brightness control.

**With decimal scale** 3.5 V

**Stock code: 57563**  
(HEINE C-002.35.010)

**With fraction scale** 3.5 V

**Stock code: 57564**  
(HEINE C-002.35.015)

**Patient card HEINE® Lambda 100 Retinometer**  
for optimal compliance

**Stock code: 57565**  
(HEINE C-000.35.005)



#57552



### HEINE HSL 150® hand-held Slit Lamp

Monocular hand-held Slit Lamp for examination of the anterior eye segment. Slit size infinitely adjustable, 6 × magnification, blue interference filter.

With Xenon-halogen lamp. Fits all BETA® handles with 3.5 V. The head-piece HSL 150 weighs only approx. 70 g; the lightest slit lamp of its type.

**Stock code: 57552**  
(HEINE C-002.14.602)



#57543

### HEINE® Ophthalmic Examination Lamp\*

For examination of the anterior segment in focal light. Five different luminous-field diaphragms, suitable for detecting erosions, oedemas and foreign bodies, 3.5 V. Fits all BETA® handles.

**Stock code: 57543**  
(HEINE C-002.14.400)



#57539

### HEINE mini-c® Clip Lamp LED

Long-life pocket diagnostic light in compact, modern design with chrome head. Bright, focused light.

**Stock code: 57539**  
(HEINE D-008.73.109)



#57568

### HEINE® Finoff Transilluminator\*

For scleral transillumination, 3.5 V.

**Stock code: 57568**  
(HEINE C-002.17.080)

## Chargers



#57569

### HEINE® Charger NT 4

Charger for BETA® 4 NT handles (not suitable for old type NT rechargeable handles and USB rechargeable handle). (Heine X-002.99.494)

**Stock code: 57569**  
(HEINE X-002.99.494)



#57537

### HEINE® Charger NT 300®

Charger incl. adapter for BETA® handles. LED rings indicate charging process.

**Stock code: 57537**  
(HEINE X-002.99.495)

\* without handle



## Handles

### Handles for chargers:



#57573

**HEINE® Rechargeable handle BETA® 4 NT**

For NT 4 charger, including Li-Ion rechargeable battery and base unit BETA® 4 NT.

**Stock code: 57573**  
(HEINE X-007.99.396)



#57506

**HEINE® Rechargeable handle BETA® NT**

Suitable for the NT 300® charger (not for NT 4) with NiMH battery 3.5 V

**Stock code: 57505**  
(HEINE X-002.99.411)

**HEINE® Rechargeable handle BETA® L**

Suitable for the NT 300® charger (not for NT 4) with Li-Ion battery 3.5 V

**Stock code: 57506**  
(HEINE X-007.99.395)

### Specifically suitable for portable use:



#57571



**HEINE® Rechargeable handle BETA® 4 USB Li-Ion Set**

Rechargeable handle including Li-Ion rechargeable battery, BETA® 4 USB base unit, USB cord, plug-in power supply and handle rest. Does not need a charger.

**Stock code: 57571**  
(HEINE X-007.99.388)

**HEINE® Battery handle**

For 2 alkali-batteries, size "C", 2.5 V; **not** suitable for BETA® LED ophthalmoscopes

**Stock code: 57531**  
(HEINE X-001.99.118)

**HEINE® Large battery handle**

For 2 alkali-batteries, size "D", 2.5 V; **not** suitable for BETA® LED ophthalmoscopes (without batteries)

**Stock code: 57509**  
(HEINE X-001.99.120)



#57509

Existing BETA® handles can be upgraded with an additional base unit to the BETA® 4 USB or BETA® 4 NT charging handles.

## Rechargeable Batteries

#57538



**HEINE® Li-Ion/Li-Ion L rechargeable battery**

For BETA® L handles with integrated charging status display in the base unit and rechargeable handle BETA 4 NT and BETA 4 USB (**not** suitable for charging handles BETA® NT, BETA® R and BETA® TR)

**Stock code: 57538**  
(HEINE X-007.99.383)

#57512



**HEINE® NiMH rechargeable battery 3.5 V**

For BETA® NT, BETA® R and BETA® TR handles

**Stock code: 57512**  
(HEINE X-002.99.315)

For re-orders kindly specify the type of the battery (e.g.: X-02.99...).





## Spare bulbs

For HEINE BETA® 200S, BETA® 200 and BETA® M2

Ophthalmoscope

2.5 V

**Stock code: 57518**  
(HEINE X-001.88.069)

#57519



3.5 V

**Stock code: 57519**  
(HEINE X-002.88.070)

For HEINE K180® Ophthalmoscope

2.5 V

**Stock code: 57520**  
(HEINE X-001.88.084)

#57521



3.5 V

**Stock code: 57521**  
(HEINE X-002.88.086)

For HEINE BETA 200® streak Retinoscope

2.5 V

**Stock code: 57522**  
(HEINE X-001.88.087)

#57523



3.5 V

**Stock code: 57523**  
(HEINE X-002.88.089)

For HEINE BETA 200® spot Retinoscope

2.5 V

**Stock code: 57524**  
(HEINE X-001.88.088)

#57525



3.5 V

**Stock code: 57525**  
(HEINE X-002.88.090)

#57528



For HEINE® Diagnostic Torch ClipLight®

2.5 V

**Stock code: 57528**  
(HEINE X-001.88.094)

#57540



For HEINE® mini-c® Clip Lamp

Xenon-Halogen-Lampe, 2.5 V

**Stock code: 57540**  
(HEINE X-001.88.108)

#57548



For HEINE® Indirect Ophthalmoscope

3.5 V

**Stock code: 57548**  
(HEINE X-002.88.050)

#57553



For HEINE® hand-held Slit Lamp HSL 150®

3.5 V

**Stock code: 57553**  
(HEINE X-002.88.099)

57529



For HEINE® NIKATRON Retinoscope

3.5 V

**Stock code: 57529**  
(HEINE X-002.88.048)

#57536



For HEINE® Ophthalmic Examination Lamp and  
HEINE® AUTOFOC Ophthalmoscope

3.5 V

**Stock code: 57536**  
(HEINE X-002.88.047)

#57566



For HEINE® Lambda Retinometer  
and HEINE® Finoff Transilluminator

XHL Xenon Halogen (XHL®), 3.5 V

**Stock code: 57566**  
(HEINE X-002.88.078)

For re-orders kindly specify the respective no. of the bulb as indicated on the bulb (e.g.: #089)



## Accessories

#57555



**Loupe attachment 10 x for hand-held Slit Lamp HSL 150®**

**Stock code: 57555**  
(HEINE C-000.14.606)

#57546



**Blue filter for hand-held Slit Lamp HSL 150®**

**Stock code: 57554**  
(HEINE C-000.14.605)

**Fundus charts**

Block of 50 pages

**Stock code: 57546**  
(HEINE C-000.33.208)

#57532



**HEINE® Fixation Cards with holder**

For dynamic retinoscopy to be fixed on the BETA® 200 retinoscope.

**Stock code: 57532**  
(HEINE C-000.15.360)



#57535

**Orange filter**

For BETA 200® retinoscope to reduce reflections

**Stock code: 57535**  
(HEINE C-000.15.359)

#57565



**Patient card HEINE® Lambda 100 Retinometer**  
for optimal compliance

**Stock code: 57565**  
(HEINE C-000.35.005)

#57547



**Hardbox for Ophthalmology sets**

For ophthalmoscope, retinoscope, rechargeable handle and illuminator.  
BETA® handles and BETA® R handles fit the box  
(see page 83).

**Stock code: 57547**  
(HEINE C-145.00.000)

#57544



**HEINE® Ophthalmoscopy trainer**

Model eye - teaching aid for ophthalmoscopy and use of the ophthalmoscope

Refraction scale: -10 to +10 D

Pupillary diameter: variable between 2, 3, 4, 5, 6 and 8 mm

Focal length: F = 18 mm

**Stock code: 57544**  
(HEINE C-000.33.010)



#57545

**HEINE® Retinoscopy trainer**

Ideal for practising and teaching retinoscopy.

Refraction scale spherical from -7.00 to +6.00 D in steps of 0.5 dpt

Scale: 0° to 180° for cylindrical lenses

Pupillary diameter: variable between 2, 3, 4, 6 and 8 mm

Focal length: F = 32 mm

**Stock code: 57545**  
(HEINE C-000.33.011)

**For re-orders kindly specify the respective no. of the bulb as indicated on the bulb (e.g.: #089)**

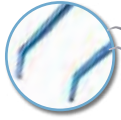
## Surgical Forceps Titanium



### Colibri Forceps

1 x 2 teeth, 0.12 mm, tying platform 5 mm  
Length: 85 mm

Stock code: CDQ 2-151



### Colibri Forceps

1 x 2 teeth, 0.12 mm, tying platform 5 mm  
Length: 115 mm

Stock code: CDQ 2-152



### Harms Colibri Forceps

1 x 2 teeth, 0.12 mm, tying platform 4.5 mm  
Length: 75 mm

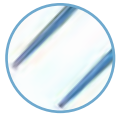
Stock code: CDQ 2-154



### Harms Corneal Colibri Forceps

1 x 2 teeth, 0.12 mm, tying platform 5.5 mm  
Length: 75 mm

Stock code: CDQ 2-158



### Castroviejo Suture Forceps

1 x 2 teeth, straight, 0.12 mm, tying platform 5 mm  
Length: 108 mm

Stock code: CDQ 2-804



### Suture Forceps

1 x 2 teeth, straight, 0.12 mm, tying platform 5 mm  
Length: 85 mm

Stock code: CDQ 2-809



### Suture Forceps

1 x 2 teeth, 0.12 mm, tying platform 5 mm,  
round handle, Length: 105 mm

Stock code: CDQ 2-810



### Suture Forceps

1 x 2 teeth, straight, 0.12 mm, tying platform 5 mm  
Length: 108 mm

Stock code: CDQ 2-811



### Bishop Harmon Forceps

1 x 2 teeth, straight, 0.4 mm  
Length: 85 mm

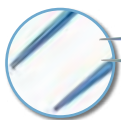
Stock code: CDQ 2-813



### Suture Forceps Model Bonn

1 x 2 teeth, straight, 0.12 mm  
Length: 85 mm

Stock code: CDQ 2-814



### Suture Forceps

1 x 2 teeth, straight, 0.12 mm, tying platform 5 mm  
Length: 115 mm

Stock code: CDQ 2-817



### Paufigue Forceps

1 x 2 teeth, straight, tying platform 5 mm  
Length: 85 mm

Stock code: CDQ 2-834



### Toothed Forceps

1 x 2 teeth, straight, tying platform 5 mm  
Length: 85 mm

Stock code: CDQ 2-835



### Toothed Forceps

1 x 2 teeth, straight, tying platform 5 mm  
Length: 115 mm

Stock code: CDQ 2-836

## Capsulorhexis Forceps Titanium



### **Nevyas Capsulorhexis Forceps**

11 mm shafts, 45 degree angled, straight  
Length: 108 mm

**Stock code: CDQ 2-017**



### **O'Gawa-Utrata Capsulorhexis Forceps**

12 mm shafts, 45 degree angled, straight  
guide pin, round handle  
Length: 105 mm

**Stock code: CDQ 2-019**



### **Utrata Capsulorhexis Forceps**

10 mm shafts, 45 degree angled  
guide pin, round handle  
Length: 105 mm

**Stock code: CDQ 2-020**



### **Utrata Capsulorhexis Forceps**

12 mm shafts, 45 degree angled, straight  
Length: 85 mm

**Stock code: CDQ 2-022**



### **Corydon Capsulorhexis Forceps**

12 mm shafts, 45 degree angled, curved  
guide pin, round handle  
Length: 105 mm

**Stock code: CDQ 2-024**



### **Capsulorhexis Forceps**

12 mm shafts, 45 degree angled, curved  
round handle  
Length: 105 mm

**Stock code: CDQ 2-025**



### **Giannetti MICS Capsulorhexis Forceps**

10 mm shafts, 45 degree angled, curved  
round handle  
Length: 101 mm

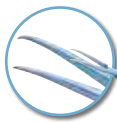
**Stock code: CDQ 2-028**



### **Utrata Capsulorhexis Forceps**

Delicate 10 mm shafts, angled, straight  
Length: 105 mm

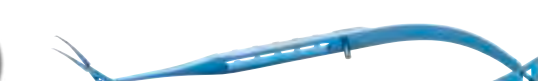
**Stock code: CDQ 2-041**



### **Inamura Capsulorhexis Forceps**

11 mm shafts, cross action, angled, curved  
round handle  
Length: 120 mm

**Stock code: CDQ 2-026**



### **Inamura Capsulorhexis Forceps**

11 mm shafts, cross action, angled, curved  
Length: 100 mm

**Stock code: CDQ 2-042**



### **Calladine-Inamura Capsulorhexis Forceps**

10 mm shafts, cross action, angled, curved  
Length: 120 mm

**Stock code: CDQ 2-044**

## Tying Forceps Titanium



**Castraviejo Tying Forceps**  
5 mm shafts, 45 degree angled  
Length: 108 mm

**Stock code: CDQ 2-901**



**Girard Tying Forceps**  
Curved, 4.5 mm tying platform, round handle  
Length: 105 mm

**Stock code: CDQ 2-905**



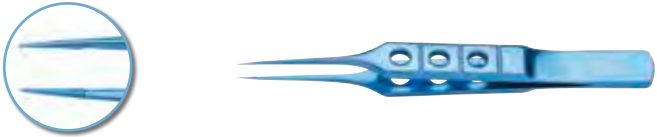
**Girard Tying Forceps**  
Straight, tying platform 4.5 mm, round handle  
Length: 105 mm

**Stock code: CDQ 2-906**



**McPherson Tying Forceps**  
45 degree angled shafts, 4.5 mm tying platform  
Length: 115 mm

**Stock code: CDQ 2-912**



**Tying Forceps**  
Straight, 4.5 mm tying platform  
Length: 85 mm

**Stock code: CDQ 2-918**



**Tying Forceps**  
Straight, 4.5 mm tying platform  
Length: 115 mm

**Stock code: CDQ 2-919**



## Different Forceps Titanium



### Bechert Forceps

10 mm shafts, 45 degree angled, very delicate  
Length: 108 mm

Stock code: CDQ 2-402



### Kelman-McPherson Forceps

9.5 mm shafts, 45 degree angled  
Length: 102 mm

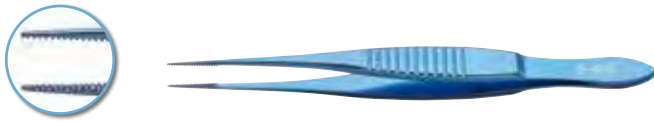
Stock code: CDQ 2-409



### Kelman-McPherson Forceps

7.5 mm shafts, 45 degree angled, very delicate  
Length: 108 mm

Stock code: CDQ 2-425



### Moorfields Forceps

Straight, grieved  
Length: 100 mm

Stock code: CDQ 2-503



### Jeweler Forceps

Length: 110 mm

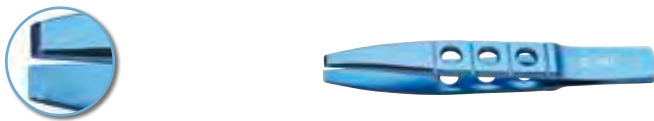
Stock code: CDQ 2-507



### Fechner Conjunctiva Forceps

Ring tips, tying platform  
Length: 112 mm

Stock code: CDQ 2-604



### Cilia Forceps

Length: 70 mm

Stock code: CDQ 2-501



### Barraquer Cilia Forceps

Curved  
Length: 102 mm

Stock code: CDQ 2-502



### Hunt Chalazion Forceps

Round, 15 mm  
Length: 98 mm

Stock code: CDQ 2-101



### Baird Chalazion Forceps

Oval, 8 x 11 mm  
Length: 98 mm

Stock code: CDQ 2-102



### Heath Chalazion Forceps

Oval, 12 x 14 mm  
Length: 98 mm

Stock code: CDQ 2-106

## Scissors Titanium



**McPherson-Westcott-Bindehautschere**  
Curved, blunt tips, tip to pivot length 10.5 mm  
Length: 105 mm

**Stock code: CDQ 9-006**

**Castroviejo Corneal Scissors**  
Curved, blunt tips, tip to pivot length 21 mm  
Length: 115 mm

**Stock code: CDQ 9-007**

**Castroviejo Corneal Scissors**  
Curved, blunt tips, tip to pivot length 11 mm  
Length: 105 mm

**Stock code: CDQ 9-010**

**Osher Universal Scissors**  
Curved, blunt tips, tip to pivot length 21 mm  
Length: 115 mm

**Stock code: CDQ 9-013**

**Westcott Stitch Scissors**  
Very sharp tips, tip to pivot length 19 mm  
Length: 105 mm

**Stock code: CDQ 9-504**

**Westcott Tenotomy Scissors**  
Curved, blunt tips, tip to pivot length 19 mm  
Length: 110 mm

**Stock code: CDQ 9-605**

**Westcott Tenotomy Scissors**  
Curved, sharp tips, tip to pivot length 25 mm  
Length: 130 mm

**Stock code: CDQ 9-607**

**Vannas Capsulotomy Scissors**  
Angled, pointed tips, tip to pivot length 12.5 mm  
Length: 95 mm

**Stock code: CDQ 9-803**

**Vannas Capsulotomy Scissors**  
Curved, pointed tips, tip to pivot length 10.5 mm  
Length: 95 mm

**Stock code: CDQ 9-815**

**Vannas Scissors**  
Angled, pointed tips, 7.5 mm blades  
Tip to pivot length 9 mm  
Length: 82 mm

**Stock code: CDQ 9-804**

**Vannas Scissors**  
Curved, pointed tips, 7.5 mm blades  
Tip to pivot length 9.5 mm  
Length: 82 mm

**Stock code: CDQ 9-807**

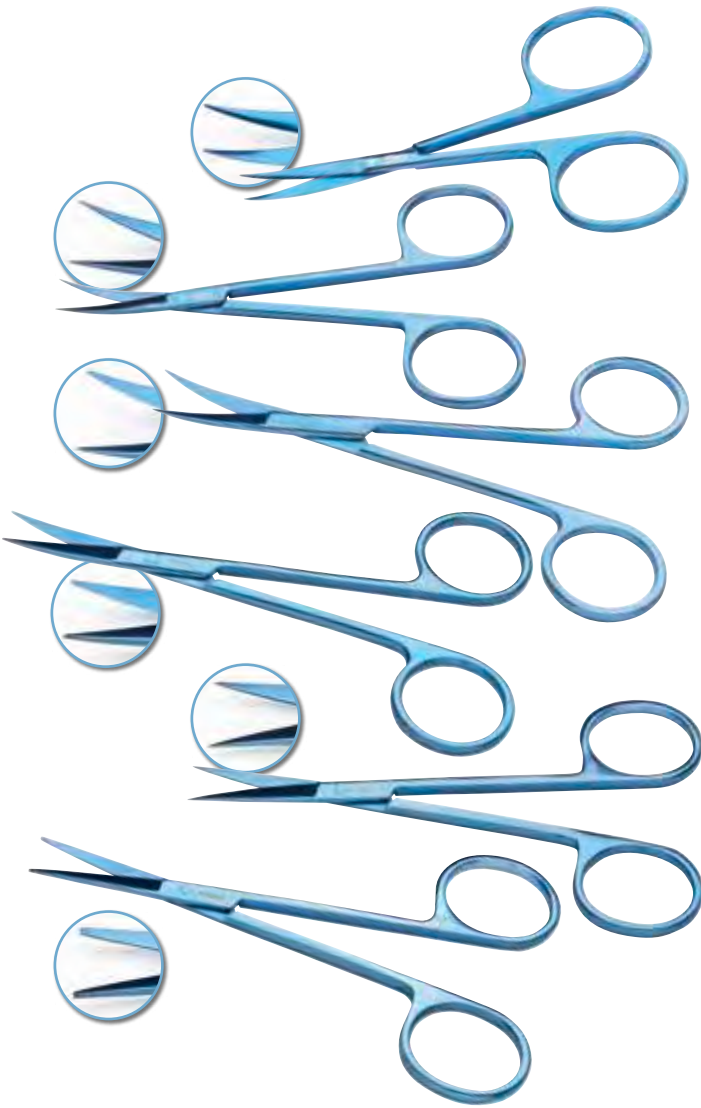
**Vannas Scissors**  
Straight, extra thin blades, pointed tips  
Tip to pivot length 15 mm  
Length: 108 mm

**Stock code: CDQ 9-809**

**Vannas Scissors**  
Straight, pointed tips, 7.5 mm blades  
Tip to pivot length 9.5 mm  
Length: 82 mm

**Stock code: CDQ 9-813**

## Eye Scissors Titanium



### Eye Scissors

Curved, pointed tips, tip to pivot length 24 mm  
Length: 90 mm

Stock code: CDQ 9-505

### Eye Scissors

Curved, pointed tips, tip to pivot length 26 mm  
Length: 95 mm

Stock code: CDQ 9-506

### Eye Scissors

Curved, pointed tips, tip to pivot length 32 mm  
Length: 110 mm

Stock code: CDQ 9-601

### Eye Scissors

Curved, blunt tips, tip to pivot length 32 mm  
Length: 110 mm

Stock code: CDQ 9-602

### Eye Scissors

Straight, pointed tips, tip to pivot length 32 mm  
Length: 110 mm

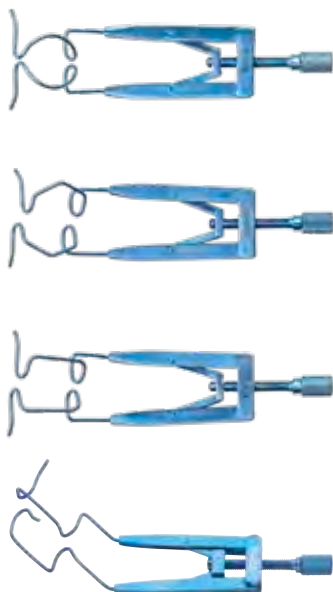
Stock code: CDQ 9-603

### Eye Scissors

Straight, blunt tips, tip to pivot length 32 mm  
Length: 110 mm

Stock code: CDQ 9-604

## Specula Titanium



### Slade Speculum LASIK

Adjustable, open  
Length: 65 mm

Stock code: CDQ 4-019

### Lieberman Speculum

Adjustable  
V-shaped wires, open  
Length: 65 mm

Stock code: CDQ 10-010

### Lieberman Speculum

Adjustable, open, temporal  
K-shaped wires  
Length: 65 mm

Stock code: CDQ 10-012

### Lieberman Speculum

Adjustable, open, nasal  
K-shaped wires  
Length: 65 mm

Stock code: CDQ 10-013

## Specula Titanium



### Liebermann Speculum

Adjustable, open, nasal  
V-shaped wires  
Length: 80 mm

Stock code: CDQ 10-015



### Shapira Speculum

Adjustable, open  
Length: 65 mm

Stock code: CDQ 10-016



### Speculum

Adjustable, open  
7 mm wires  
Length: 80 mm

Stock code: CDQ 10-030



### Liebermann Speculum

Adjustable  
Solid blades  
Length: 75 mm

Stock code: CDQ 10-011



### Steinert Speculum

Adjustable  
Solid blades  
Length: 80 mm

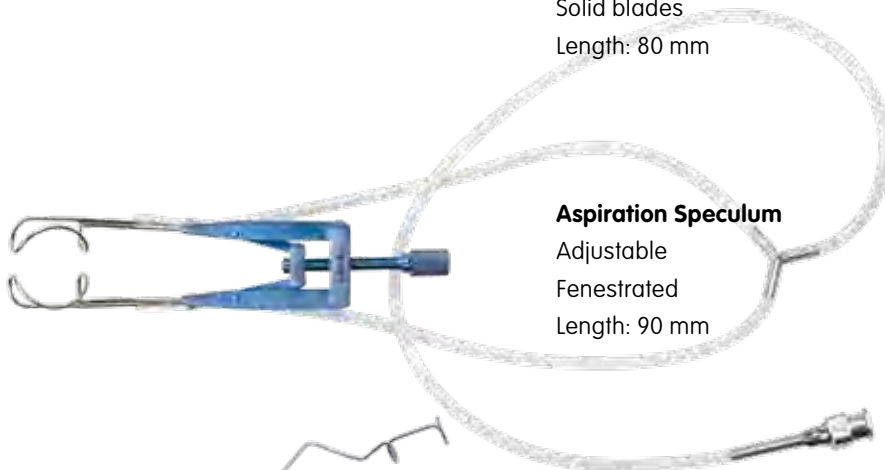
Stock code: CDQ 10-014



### Genisi Speculum

Adjustable  
Solid blades  
Length: 80 mm

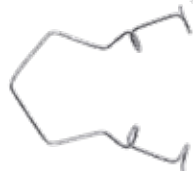
Stock code: CDQ 10-031



### Aspiration Speculum

Adjustable  
Fenestrated  
Length: 90 mm

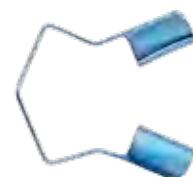
Stock code: CDQ 10-027



### Wire Speculum

Length: 52 mm

Stock code: CDQ 10-020

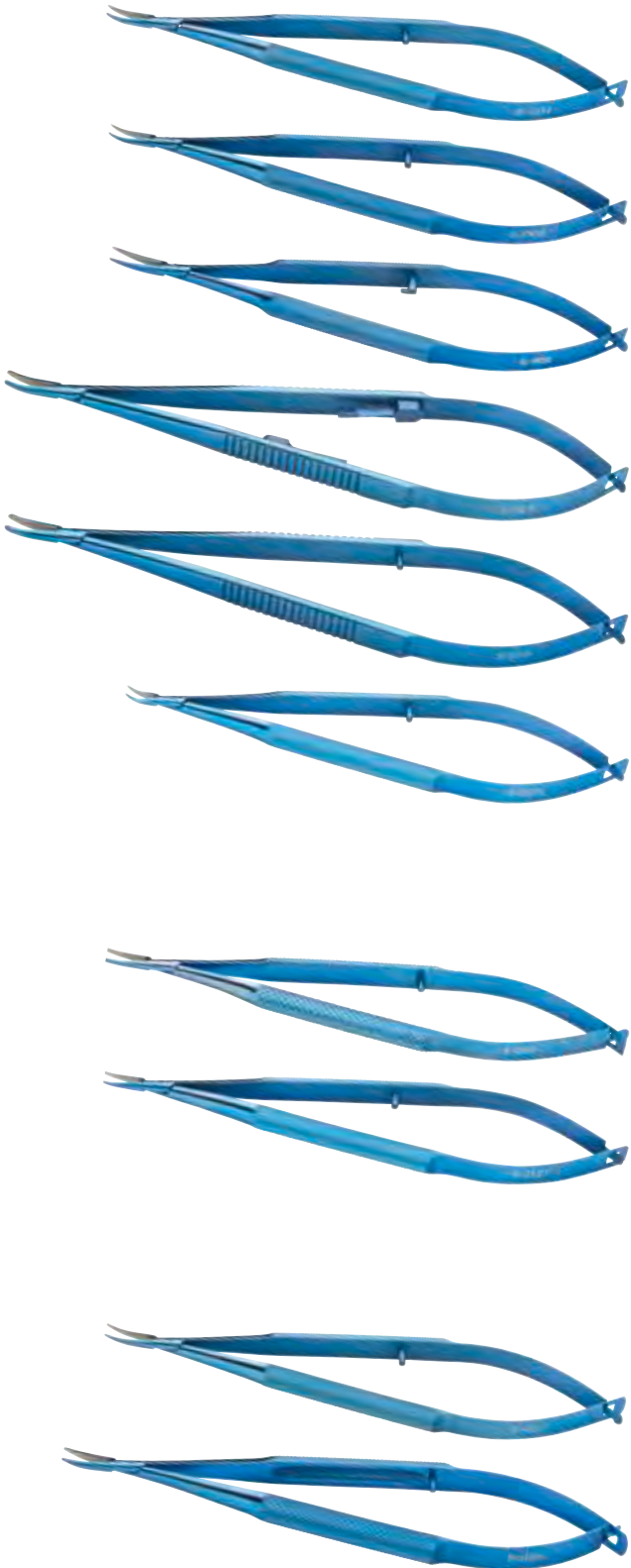


### Barraquer Speculum

Solid blades  
Length: 52 mm

Stock code: CDQ 10-001

## Needle Holders Titanium



**Barraquer Needle Holder**

Curved jaws, sharp tips, without lock  
Length: 115 mm

**Stock code: CDQ 8-004**

**Barraquer Needle Holder**

9 mm curved jaws, sharp tips, without lock  
Length: 115 mm

**Stock code: CDQ 8-005**

**Barraquer Needle Holder**

9 mm curved jaws, sharp tips, with lock  
Length: 115 mm

**Stock code: CDQ 8-006**

**Castroviejo Needle Holder**

11 mm curved jaws, blunt tips, with lock  
Length: 140 mm

**Stock code: CDQ 8-015**

**Castroviejo Needle Holder**

11 mm curved jaws, blunt tips, without lock  
Length: 140 mm

**Stock code: CDQ 8-016**

**Needle Holder**

6 mm curved jaws, without lock  
Length: 110 mm

**Stock code: CDQ 8-023**

**Needle Holder**

6 mm curved jaws, with lock  
Length: 110 mm (without image)

**Stock code: CDQ 8-024**

**Needle Holder**

11 mm curved jaws, sharp tips, without lock  
Length: 115 mm

**Stock code: CDQ 8-025**

**Needle Holder**

9 mm curved jaws, sharp tips, without lock  
Length: 115 mm

**Stock code: CDQ 8-027**

**Needle Holder**

9 mm curved jaws, sharp tips, with lock  
Length: 115 mm (without image)

**Stock code: CDQ 8-028**

**Troutman Needle Holder**

10 mm curved jaws, blunt tips, with lock  
Length: 115 mm

**Stock code: CDQ 8-037**

**Barraquer Needle Holder**

10 mm curved jaws, without lock  
Length: 125 mm

**Stock code: CDQ 8-039**



## Choppers Titanium



### **Akahoshi Combo Prechopper**

**Stock code: CDQ 2-701**

Tip with sharp and blunt side  
Maximum tip opening 3 mm  
Cross-action, round handle  
Length: 120 mm



### **Nichamin Phaco Chopper**

**Stock code: CDQ 6-515**

Ambidextrous, straight  
Rounded distal tip highly polished  
Tip 1.1 mm long  
Length: 115 mm



### **Drysdale Paddle Manipulator & Phaco Chopper** **Stock code: CDQ 6-520**

Double ended  
Paddle manipulator, 60 degree phaco chopper  
Length: 125 mm



### **Liebermann Micro Finger & Phaco Chopper**

**Stock code: CDQ 6-521**

Double ended  
Length: 125 mm



### **Phaco Chopper, right**

**Stock code: CDQ 6-524**

### **Phaco Chopper, left**

**Stock code: CDQ 6-538**

Unique elongated distal segment, left  
Special 45 degree inner blade  
Rounded distal tip highly polished  
Length: 115 mm



### **Quick Chopper**

**Stock code: CDQ 6-534**

Length: 115 mm



### **Nagahara Phaco Chopper**

**Stock code: CDQ 6-535**

60 degree angled blade, 1.5 mm cutting edge  
Length: 115 mm



### **Rosen Phaco Chopper**

**Stock code: CDQ 6-536**

45 degree angled wedge shaped inferior edge  
1.2 mm blunt tip  
Length: 115 mm



### **Phaco Chopper, right**

**Stock code: CDQ 6-537**

Side cutter chopper, right hand  
Rounded distal tip highly polished  
Tip 1.8 mm long  
Length: 115 mm

## Manipulators / Hooks Titanium



**Synechiae Spatula**

Tip 0.5 mm  
Length: 124 mm

**Stock code: CDQ 6-028**



**Drysdale Nucleus Manipulator**

Paddle-shaped tip  
Length: 117 mm

**Stock code: CDQ 6-033**



**Kuglen Iris Hook & Lens Manipulator**

Straight  
Length: 115 mm

**Stock code: CDQ 6-048**



**Kuglen Iris Hook & Lens Manipulator**

Angled  
Length: 115 mm

**Stock code: CDQ 6-053**



**IOL Manipulator**

Angled, curved  
Length: 126 mm

**Stock code: CDQ 6-049**



**Maltzman-Frenzl Lens Manipulator**

Angled  
V-shaped tip, 0.15 mm diameter  
Length: 120 mm

**Stock code: CDQ 6-052**



**Sinskey Lens Manipulating Hook**

Angled  
Blunt tip, 0.15 mm diameter  
Length: 125 mm

**Stock code: CDQ 6-062**



**Jaffe-Bechert Lens Nucleus Rotator**

Angled  
Y-shaped tip, vertical  
Length: 120 mm

**Stock code: CDQ 6-065**



**Mushroom Nucleus Manipulator**

Angled  
Length: 116 mm

**Stock code: CDQ 6-073**



**Schocket Scleral Depressor**

Double-ended  
Length: 138 mm

**Stock code: CDQ 6-070**

## Forceps Stainless steel



**O'Gawa-Utrata Capsulorhexis Forceps**  
14 mm shafts, angled, straight, round handle  
Length: 110 mm

**Stock code: CDQ CS2-032**



**Masket Capsulorhexis Forceps**  
11 mm shafts, angled, curved  
Length: 110 mm

**Stock code: CDQ CS2-033**



**Utrata MICS Capsulorhexis Forceps**  
14 mm shafts, angled, straight  
Length: 80 mm

**Stock code: CDQ CS2-034**



**Corneal Colibri Forceps**  
1 x 2 teeth, 0.12 mm, 6 mm tying platform  
Length: 106 mm

**Stock code: CDQ CS2-156**



**Harms Corneal Colibri Forceps**  
1 x 2 teeth, 0.12 mm, 5.5 mm tying platform  
Length: 75 mm

**Stock code: CDQ CS2-157**



**McPherson Tying Forceps**  
Straight, 5 mm tying platform  
Length: 85 mm

**Stock code: CDQ CS2-923**



**Tying Forceps**  
Straight, 6 mm tying platform  
Length: 108 mm

**Stock code: CDQ CS2-924**



**Tying Forceps**  
Angled, 7.5 mm tying platform  
Length: 108 mm

**Stock code: CDQ CS2-926**



**Cilia Forceps**  
Length: 76 mm

**Stock code: CDQ CS2-512**



**Barraquer Cilia Forceps**  
Angled  
Length: 78 mm

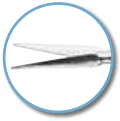
**Stock code: CDQ CS2-513**



**Barraquer Cilia Forceps**  
Angled, very delicate  
Length: 78 mm

**Stock code: CDQ CS2-514**

## Scissors Stainless steel



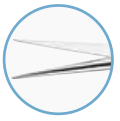
**Vannas Capsulotomy Scissors**  
Straight, tip to pivot length 6.5 mm  
Length: 90 mm

**Stock code: CDQ CS9-822**



**Vannas Capsulotomy Scissors**  
Curved, tip to pivot length 6.5 mm  
Length: 90 mm

**Stock code: CDQ CS9-823**



**Gills-Vannas Capsulotomy Scissors**  
Straight, tip to pivot length 10 mm  
Length: 90 mm

**Stock code: CDQ CS9-824**



**Gills-Vannas Capsulotomy Scissors**  
Curved, tip to pivot length 10 mm  
Length: 90 mm

**Stock code: CDQ CS9-825**



**Gills-Vannas Capsulotomy Scissors**  
Angled, tip to pivot length 10 mm  
Length: 90 mm

**Stock code: CDQ CS9-826**



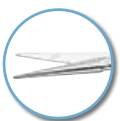
**Gills-Vannas Capsulotomy Scissors**  
Angled, curved, tip to pivot length 10 mm  
Length: 90 mm

**Stock code: CDQ CS9-827**



**Gills-Vannas Capsulotomy Scissors**  
Side-angled, tip to pivot length 10 mm  
Length: 90 mm

**Stock code: CDQ CS9-828**



**Vannas Scissors**  
Straight, tip to pivot length 9.5 mm  
Length: 85 mm

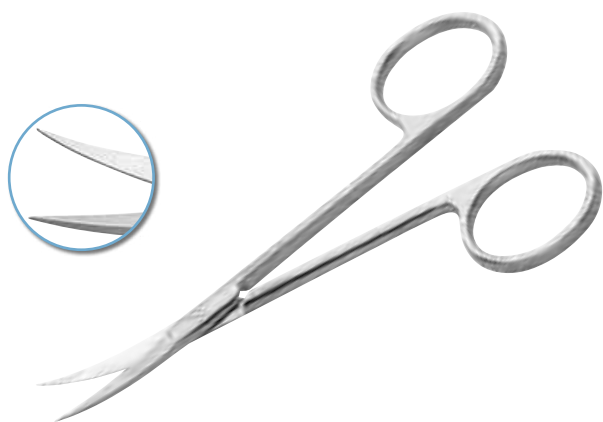
**Stock code: CDQ CS9-830**



**Vannas Scissors**  
Curved, tip to pivot length 9.5 mm  
Length: 85 mm

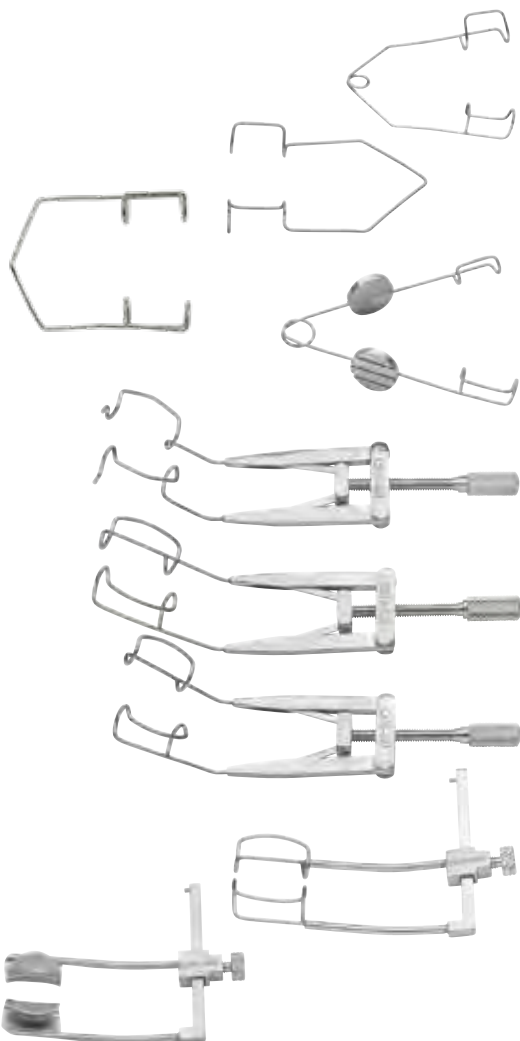
**Stock code: CDQ CS9-831**

## Eye Scissors Stainless steel



- |   |                                |
|---|--------------------------------|
| <b>Eye Scissors</b><br>Straight, pointed tips, tip to pivot length 32 mm,<br>Length: 110 mm | <b>Stock code: CDQ CS9-612</b> |
| <b>Eye Scissors</b><br>Straight, blunt tips, tip to pivot length 32 mm,<br>Length: 110 mm   | <b>Stock code: CDQ CS9-613</b> |
| <b>Eye Scissors</b><br>Curved, blunt tips, Length: 105 mm                                   | <b>Stock code: CDQ CS9-614</b> |
| <b>Eye Scissors</b><br>Straight, pointed tips, Length: 105 mm                               | <b>Stock code: CDQ CS9-615</b> |
| <b>Eye Scissors</b><br>Curved, blunt tips, Length: 105 mm                                   | <b>Stock code: CDQ CS9-616</b> |
| <b>Eye Scissors</b><br>Straight, blunt tips, Length: 105 mm                                 | <b>Stock code: CDQ CS9-617</b> |

## Specula Stainless steel



- |  |                                 |
|--|---------------------------------|
| <b>Barraquer Speculum for children</b><br>Fenestrated, wires 11 mm, Length: 35 mm    | <b>Stock code: CDQ CS10-006</b> |
| <b>Kratz Barraquer Speculum</b><br>Fenestrated, wires 14 mm, Length: 38 mm           | <b>Stock code: CDQ CS10-009</b> |
| <b>Barraquer Speculum</b><br>Fenestrated, Length: 45 mm                              | <b>Stock code: CDQ CS10-002</b> |
| <b>Alfonso Speculum for newborns</b><br>Wires 5 mm<br>Length: 45 mm                  | <b>Stock code: CDQ CS10-010</b> |
| <b>Lieberman Speculum</b><br>Adjustable, open, V-shaped wires 15 mm<br>Length: 85 mm | <b>Stock code: CDQ CS10-021</b> |
| <b>Kershner Speculum</b><br>Adjustable, open, wires 15 mm<br>Length: 85 mm           | <b>Stock code: CDQ CS10-022</b> |
| <b>Kershner Speculum for children</b><br>Adjustable, wires 11 mm, Length: 80 mm      | <b>Stock code: CDQ CS10-023</b> |
| <b>Murdock Speculum</b><br>Left side, fenestrated, wires 15 mm<br>Length: 60 mm      | <b>Stock code: CDQ CS10-028</b> |
| <b>Cook Speculum</b><br>Left side, solid blades 11 mm<br>Length: 60 mm               | <b>Stock code: CDQ CS10-024</b> |



## Needle Holder Stainless steel



**Castroviejo Needle Holder**  
Fine 10 mm curved jaws, with lock  
Length: 140 mm

**Stock code: CDQ CS8-042**



**Castroviejo Needle Holder**  
Medium 11 mm curved jaws, without lock  
Length: 140 mm

**Stock code: CDQ CS8-044**



**Castroviejo Needle Holder**  
Fine 10 mm straight jaws, without lock  
Length: 140 mm

**Stock code: CDQ CS8-045**



**Castroviejo Needle Holder**  
Medium 11 mm straight jaws, without lock  
Length: 140 mm

**Stock code: CDQ CS8-046**



**Castroviejo Needle Holder**  
Heavy 12 mm straight jaws, without lock  
Length: 140 mm

**Stock code: CDQ CS8-048**



**Barraquer Needle Holder**  
9.5 mm curved jaws, with lock  
Length: 125 mm

**Stock code: CDQ CS8-049**



**Barraquer Needle Holder**  
9 mm curved jaws, without lock  
Length: 100 mm

**Stock code: CDQ CS8-050**



**Barraquer Needle Holder**  
9.5 mm curved jaws, without lock  
Length: 120 mm

**Stock code: CDQ CS8-051**



**Needle Holder**  
9.5 mm curved jaws, without lock  
Length: 130 mm

**Stock code: CDQ CS8-053**

## Cannulas Stainless steel



### Lacrimal Cannula

Straight, 23G  
Tip 22 mm long  
Blunt tip

**Stock code: CDQ CS1-023**

### Irrigating Vectis

Needle 18G  
Loop 25G  
Length: 30 mm

**Stock code: CDQ CS1-040**

### Nichamin Hydrodissection Cannula

Angled  
Curved, 25G  
Length: 25 mm

**Stock code: CDQ CS1-026**

### Yalon Hydrodissection Cannula

Angled, tip 8 mm  
Straight, 25G  
Length: 39 mm

**Stock code: CDQ CS1-042**

### Simcoe Double-Barreled I/A Unit Cannula

Curved, 23G  
Aspiration port 0.3 mm  
Length: 28 mm

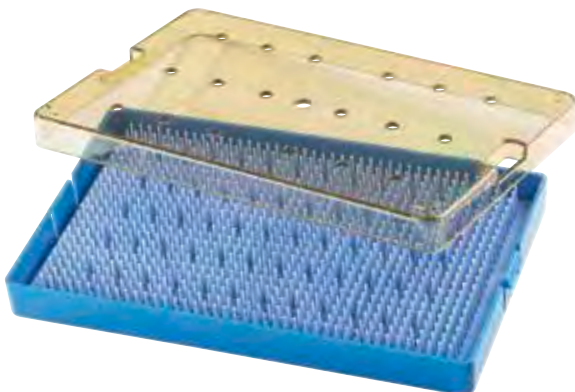
**Stock code: CDQ CS1-034**

### Simcoe Double-Barreled I/A Unit Cannula reserved

23G  
Length: 28 mm

**Stock code: CDQ CS1-035**

## Surgical Container trays



### Surgical Container tray small

158 mm x 90 mm x 22 mm (L/W/H)

**Stock code: CDQ 11-009**

### Surgical Container tray medium

225 mm x 142 mm x 22 mm (L/W/H)

**Stock code: CDQ 11-010**

### Surgical Container tray large

265 mm x 160 mm x 22 mm (L/W/H)

**Stock code: CDQ 11-001**

### Surgical Container tray double layered

265 mm x 162 mm x 22 mm (L/W/H)

**Stock code: CDQ 11-011**

## Miscellaneous Titanium



### **Castroviejo Lacrimal Dilatator**

**Stock code: CDQ 7-024**

Double-ended



### **LASIK Flap Elevator**

**Stock code: CDQ 4-008**

Angled, curved, flattened tip, Length: 70 mm



### **Mendez Degree Gauge**

**Stock code: CDQ 5-205**

Round handle, outer Ø 18 mm, inner Ø 12 mm

### **Mendez Degree Gauge**

**Stock code: CDQ 5-211**

Round handle, outer Ø 16 mm, inner Ø 12 mm  
(without image)



### **Gravity Marker**

**Stock code: CDQ 5-208**

For Limbal Relaxing Incisions and toric IOL  
implantaion



### **Graether Half-Circle Axis Marker**

**Stock code: CDQ 5-213**

Suitable for article 5-205, Mendez Degree  
Gauge



### **Trabeculectomy Punch**

**Stock code: CDQ 5-605**

0.75 mm



### **Meyerhoefer Chalazion Curettes**

1 mm, Length: 110 mm

**Stock code: CDQ 5-403**

1.5 mm, Length: 110 mm

**Stock code: CDQ 5-406**

2 mm, Length: 110 mm

**Stock code: CDQ 5-404**

2.5 mm, Length: 110 mm

**Stock code: CDQ 5-405**

3 mm, Length: 110 mm

**Stock code: CDQ 5-410**

4 mm, Length: 110 mm

**Stock code: CDQ 5-411**

4.5 mm, Length: 110 mm

**Stock code: CDQ 5-412**



### **Meyerhoefer Chalazion Curettes double ended**

1 mm / 2 mm

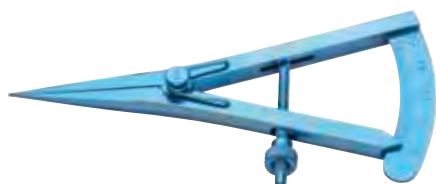
**Stock code: CDQ 5-402**

2 mm / 4 mm

**Stock code: CDQ 5-421**

3 mm / 4 mm

**Stock code: CDQ 5-408**



### **Castroviejo Calipers**

**Stock code: CDQ 5-053**

0 – 20 mm, straight



### **Braunstein Fixed Calipers**

**Stock code: CDQ 5-051**

3.5 mm / 4 mm, Length: 70 mm



### **Halsted Mosquito Forceps**

**Stock code: CDQ 2-505**

Curved jaws 32 mm, Length: 125 mm

### **Halsted Mosquito Forceps**

**Stock code: CDQ 2-508**

Straight jaws 32 mm, Length: 125 mm

### **Hartmann Mosquito Forceps**

**Stock code: CDQ 2-509**

Straight jaws 32 mm, Length: 95 mm

## Miscellaneous Stainless steel

		<b>Wilder Lacrimal Dilatator</b> Length: 115 mm	<b>Stock code: CDQ CS6-104</b>
		<b>Wilder Lacrimal Dilatator</b> Length: 93 mm	<b>Stock code: CDQ CS6-105</b>
		<b>Girard Synechia spatula</b> Tip 0.5 mm Length: 115 mm	<b>Stock code: CDQ CS6-106</b>
		<b>Foreign Body Needle</b> Straight Length: 120 mm	<b>Stock code: CDQ CS5-006</b>
		<b>Foreign Body Needle</b> Curved Length: 120 mm	<b>Stock code: CDQ CS5-007</b>
		<b>Phaco Chopper</b> Tip 1.2 mm long Length: 115 mm	<b>Stock code: CDQ CS6-539</b>
		<b>Rosen Phaco Chopper</b> 60° angled wedge shaped inferior edge, blunt Length: 115 mm	<b>Stock code: CDQ CS6-540</b>
		<b>Phaco Chopper</b> Length: 115 mm	<b>Stock code: CDQ CS6-074</b>
		<b>Frenzl Lens Manipulating Hook</b> Length: 115 mm	<b>Stock code: CDQ CS6-076</b>
		<b>Kuglen Iris Hook &amp; Lens Manipulator</b> Length: 125 mm	<b>Stock code: CDQ CS6-079</b>
		<b>Desmarres Lid Retractors</b> 6 mm, Length: 138 mm 8 mm, Length: 138 mm 11 mm, Length: 138 mm 13 mm, Length: 138 mm 15 mm, Length: 138 mm 17 mm, Length: 138 mm	<b>Stock code: CDQ CS6-095</b> <b>Stock code: CDQ CS6-122</b> <b>Stock code: CDQ CS6-123</b> <b>Stock code: CDQ CS6-124</b> <b>Stock code: CDQ CS6-125</b> <b>Stock code: CDQ CS6-126</b>

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