

FOR OPTICIANS, OPTOMETRISTS AND CLINICS

Refraction

Refraction equipment for the eye-examination room: trial lens sets, phoropters, lensmeters, auto refractometers, prisms and low vision testing cases.

34 products · Prices on request: ask us for a quote

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Optinovate Technologies is a Dutch company in Rotterdam that supplies eye-examination equipment to opticians, optometrists and clinics.

Every product name in this catalogue links to its page in our web shop, where you can order directly or put it on your quote list. We reply within 24 hours.

Refraction

Phoropters

Phoropters (refractor heads) for subjective refraction: the manual phoropters TW-1410 and TW-1450A and the digital wireless phoropter TW-7100.



Digital Wireless Phoropter TW-7100

- Features:
- * Fast and Silent Lens Loading offers more comfort during exam;
- * Wireless Communication with Auto refractometer, LCD chart via blue tooth;
- * Dual cross cylinder lens;
- * Compatibility with polarized LCD chart (Both linear and circular polarization);

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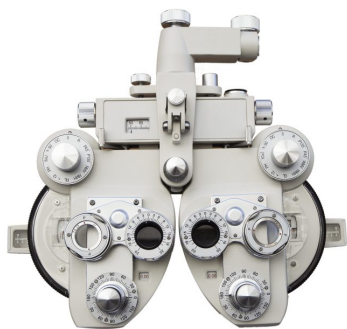


Phoropter TW-1410

- Features:
- Adopting special butterfly shape;
- Large scale and improving performance:
- Precise measurement and comfortable touching;
- Adopt advanced coating lenses:

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Phoropter TW-1450A

- Specifications-
- Sphere.....+0.12~+26.75 addition 0.12D 10,00D
--0.12-29.00(addition 0.12D\$ 10.00D)
- Cylinder..... -0.12-8.00D(addition-0.12D-2.00D)
- Prism.....14-20A (1 space=14)

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Trial sets

Trial lens sets for subjective refraction from CIOM: 90, 158 or 232 lenses in portable cases, beechwood cases or wooden trays, plus a universal trial frame and a concave/convex lens set.



Concave/Convex Set OT-01

Concave/Convex Set OT-01: Versatile Optical Tools for Precise Measurements The Concave/Convex Set OT-01 is an indispensable tool for eye care professionals, educators, and optical researchers. This meticulously crafted set includes a range of concave and convex lenses, each designed to provide precise measurements and enhance the accuracy of visual assessments and diagnostics. Whether used in...

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CIOM

Trial Set 90 Lenses Portable case 100D

- LENS: White optical glass, 22 mm diameter sphere / 22x18 mm cylinder
- RIM: Plastic, 38 mm diameter
- DIMENSIONS (W x D x H): 350x200x80 mm
- WEIGHT: Kg. 2
- This trial lens set offers a comprehensive selection of 90 lenses meticulously, the lightweight case...

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CIOM

Trial Set Complete 232 Lenses, Beechwood Case 105/N

- LENS: White optical glass, 22 mm diameter sphere / 22x18 mm cylinder
- RIM: Plastic, 38 mm diameter
- DIMENSIONS (W x D x H): 475x360x60 mm
- WEIGHT: Kg. 5
- Step into the realm of precision and versatility with our deluxe trial lens set, presenting a lavish ensemble...

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CIOM

Trial Set Complete 232 Lenses, Lenses Only 108/L

- LENS: White optical glass, 22 mm diameter sphere / 22x18 mm cylinder
- RIM: Plastic, 38 mm diameter
- The lenses, with their standard external diameter of 38 mm, can be easily inserted into any case or...

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CIOM

Trial Set Complete 232 Lenses, Wooden Tray

- LENS: White optical glass, 22 mm diameter sphere / 22x18 mm cylinder
- RIM: Plastic, 38 mm diameter
- DIMENSIONS (W x D x H): 445x310x45 mm
- WEIGHT: Kg. 4,7
- Featuring a complete array of 232 meticulously selected lenses, the wooden tray is thoughtfully designed to...

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CIOM

Trial Set Complete 232 Lenses Portable Case 106/H

- LENS: White optical glass, 22 mm diameter sphere / 22x18 mm cylinder
- RIM: Plastic, 38 mm diameter
- DIMENSIONS (W x D x H): 470x365x80 mm
- WEIGHT: Kg. 4,7
- Whether conducting routine eye examinations, fine-tuning contact lens fittings, or addressing complex visual...

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CIOM

Trial Set Reduced to 158 Lenses, Lenses Only 103/L

- LENS: White optical glass, 22 mm diameter sphere / 22x18 mm cylinder
- RIM: Plastic, 38 mm diameter
- The lenses, with their standard external diameter of 38 mm, can be easily inserted into any case or...

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CIOM

Trial Set Reduced to 158 Lenses, Wooden Tray 103T

- LENS: White optical glass, 22 mm diameter sphere / 22x18 mm cylinder
- RIM: Plastic, 38 mm diameter
- DIMENSIONS (W x D x H): 335x290x45 mm
- WEIGHT: Kg. 2
- Optimize your ophthalmic unit's efficiency with this compact trial lens set, featuring a reduced collection...

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CIOM

Trial Set Reduced to 158 Lenses 101M

- LENS: White optical glass, 22 mm diameter sphere / 22x18 mm cylinder
- RIM: Plastic, 38 mm diameter
- DIMENSIONS (W x D x H): 365x340x60 mm
- WEIGHT: Kg. 3,7
- This trial lens set offers a comprehensive selection of 158 lenses meticulously curated and presented in a...

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CIOM

Trial Set Reduced to 158 Lenses Portable case 102P

- LENS: White optical glass, 22 mm diameter sphere / 22x18 mm cylinder
- RIM: Plastic, 38 mm diameter
- DIMENSIONS (W x D x H): 360x335x80 mm
- WEIGHT: Kg. 3,4
- Experience the perfect balance of portability and versatility with this medium-sized portable trial lens set...

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CIOM

Universal Trial Frame 120/T

- Adjustable Pupillary Distance (PD): Ranges from 50 to 80 mm, accommodating various patient needs.
- Lens Holders: Equipped with five lens holders (three in front, two behind), allowing for comprehensive vision...
- 360° Lens Rotation: Ensures precise positioning of trial lenses.
- Adjustable Components: Features flexible temple ends and an adjustable nose rest for customized fitting.
- Lightweight Design: Weighing only 58 grams, it ensures patient comfort without compromising functionality.

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Automatic refraction

Auto refractometers (autorefractors) and auto ref/keratometers for objective refraction and corneal curvature: TW-9100K, TW-9200K and ARK-4000.



Automatic Ref/Keratometer ARK-4000

- Hartmann's Principle: Advanced Ophthalmic Imaging Technology
- Innovative Light Path Design for Clear Human Eye Imaging
- High-speed Image Acquisition System: Utilize cutting-edge technology for rapid and precise image capture.
- Advanced Image Processing and Analysis: Ensure detailed and accurate diagnostics.
- Versatile and User-Friendly Features

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Auto Refractometer TW-9100K with Keratometer

Introducing the TW-9100K Auto Refractometer with Keratometer, a powerful diagnostic tool for comprehensive eye examinations. This device combines auto-refraction and keratometry functions to accurately measure refractive errors and corneal curvature. With advanced technology and intuitive operation, the TW-9100K delivers fast and precise readings, facilitating efficient patient assessments. Its...

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Auto Refractometer TW-9200K - Keratometer touch screen

Introducing the TW-9200K Auto Refractometer - Keratometer with Touch Screen, a cutting-edge device for precise and efficient eye examinations. This instrument combines auto-refraction and keratometry capabilities with a user-friendly touch screen interface, enabling quick and accurate measurements of refractive errors and corneal curvature. The TW-9200K features advanced technology for enhanced...

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Prisms

Ophthalmic prisms: the prism bar set TW-PS1, the prism box TW-PS318 and the prism lens set TW-PS48 for measuring eye deviations and testing binocular vision.



Prism Bar Set TW-PS1

- Specifications:
- Vertical: 1, 2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 25, 30
- Horizontal: 1, 2, 4, 6, 8, 10, 12, 16, 18, 20, 25, 30, 35, 40, 45

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Prism Box TW-PS318

- Specifications:
- Size: 260 x 40 x 70mm
- Weight: 860g
- Diopter Range: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 25, 30, 40, 50, 60, 80

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Prism Lens Set TW-PS48

Specifications: - Size: 250 x 250 x 65mm - Weight: 1.13kg - Diopter Range: 0.25, 0.5, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.75, 3.00, 3.25, 3.5, 3.75, 4.00, 4.50, 5.00, 5.50, 6.00, 7.00, 8.00, 9.00, 10.00 Discover precision and versatility with our Prism Lens Set. Designed to meet the demands of optometric professionals, this set offers a comprehensive range of diopters for accurate and...

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Binocular vision tests

Binocular vision tests: the YZ23B synoptophore and a Bagolini linear mirror check.



Bagolini Linear Mirror Binocular Check (OT-LM02)

- Linear Mirror
- Specifications:
- Size: 205 x 95 x 28mm
- Weight: 168g

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Synoptophore - YZ23B

Characteristics: Combines diagnostic, treatment, simultaneous viewing, syncretic viewing, solid viewing, and afterimage functions. Equipped with a pair of Haidingers Brush and 20 pairs of pictures with different angles. Features an advanced semi-transparent and semi-reflecting viewfinder for convenient observation. Utilizes advanced LED illuminator with even light distribution, low thermal...

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PD meters

PD meter: the pupillary distance meter TW-2213 for measuring PD when fitting spectacles.



Pupillary Distance Meter TW-2213

- Measurement Range:
- Binocular Pupillary Distance: 45 82 mm
- Left or Right Pupillary Distance: 22.5 41 mm
- Accuracy:
- Indication Error: ≤0.5 mm

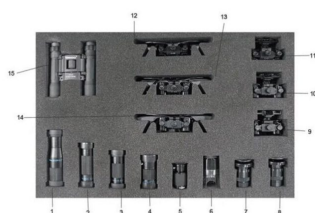
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Diagnostics

Low vision

Low vision testing cases (DSL2 to DSL7) for assessing near and distance vision in patients with reduced sight.



Low Vision Testing Case Distance DSL5

- Configuration details:
- 1. 10X Low vision telescope (DSL-3920)
- 2. 8X Low vision telescope (DSL-3918)
- 3. 6X Low vision telescope (DSL-3916)
- 4. 4X Low vision telescope (DSL-3914)

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Low Vision Testing Case DSL2

- Configuration details:
- 8X folding table magnifier
- 2.5X clip-on magnifier
- 3X clip-on magnifier
- 10X Kepler monocular

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Low Vision Testing Case DSL3

- Configuration details:
- 1.8X portable turntable magnifier
- 2.10X portable magnifier (with light)
- 3X clip-on magnifier
- 8X portable magnifier (with light)

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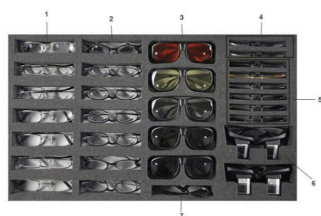


Low Vision Testing Case DSL6

- Configuration details:
- 1. 4X Portable magnifier (DSL-6745)
- 2. 3X Portable magnifier (DSL-6744)
- 3. 2.5X Magnifying Bar 125*25mm (DSL-6221)
- 4. 2.5X Magnifying Bar 160*25mm (DSL-6221L)

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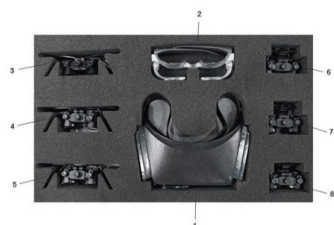


Low Vision Testing Case DSL7

- Configuration details:
- 1. Reading Glasses (PD: 62mm), +4.00D, +6.00D, +8.00D, +12.00D, +16.00D, +20.00D, +25.00D (1 pair of each)
- 2. Kids Reading Glasses (PD: 46mm), +4.00D, +6.00D, +8.00D, +12.00D, +16.00D, +20.00D, +25.00D (1 pair of...)
- 3. Filters (5 pairs)
- 4. Clip-on glasses, +1.00D, +2.00D (2 pairs)

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Low Vision Testing Case Near DSL4

- Configuration details:
- 1. 2X/3X Head-band magnifier (DSL-6136)
- 2. Adjustable magnifier (BT-65016)
- 3. 3.5X near Visual Aid (ZS-3.5X-340-C)
- 4. 3.0X near Visual Aid (ZS-3.0X-340-C)

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Lensmeters and workshop

Lensmeters

Automatic and manual lensmeters, also called lensometers or focimeters: automatic models TW-3080 to TW-8100, manual lensmeters with a compensator for internal or external reading, and a portable lensmeter.



Lensmeter Auto TW-4080

Features The device boasts a 7.0-inch high-definition touch color LCD display, offering clear visuals and intuitive operation. Powered by upgraded Hartmann intelligent measurement technology, it ensures faster, more accurate, and stable measurements. Its streamlined and stylish design exudes sophistication, complemented by a robust shell made of food-grade ABS material adhering to zero failure...

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Lensmeter Auto TW-8100

- Specification
- Sphere: $0 \sim \pm 25D$, 0.01/0.12/0.25D steps
- Cylinder: $0 \sim +10D$, 0.01/0.12/0.25D steps
- Axis: $0 \sim 180^\circ$ (1° step)
- Addition: $0 \sim \pm 10D$, 0.01/0.12/0.25D

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Lensmeter Portable TW-1005

- Vertex Power Range: +15 diopter to -15 diopter;
- Vertex Power Step: $0 \sim (\pm)10D$ for 0.125D $(\pm)10D \sim (\pm)15D$ for 0.25D;
- Prismatic Power Range: 4 prism diopter;
- Prismatic Power Step: 1 diopter;
- Cylindrical Axis Range: 0 to 180 degrees;

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Lensmeter with Compensator TW-1001 Internal Reading

Introducing the TW-1001 Lensmeter with Compensator, a precision instrument for accurate measurement and verification of spectacle lenses. This lensmeter features a built-in compensator for assessing astigmatism and prism effects, ensuring precise prescription verification. With user-friendly controls and a clear display, the TW-1001 offers efficient and reliable lens analysis. Enhance your...

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Lensmeter with Compensator TW-1002 External Reading

Discover the TW-1001 Lensmeter with Compensator, a sophisticated tool for precise measurement of spectacle lenses. This lensmeter is equipped with a built-in compensator, allowing accurate assessment of astigmatism and prism effects in lenses. Featuring intuitive controls and a clear display, the TW-1001 ensures efficient and reliable analysis of lens prescriptions. Enhance your optical practice...

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Prices and VAT

Prices on request: ask us for a quote. Quotes are in euro, excl. VAT. Businesses in another EU country with a valid VAT number pay 0% VAT when the goods are delivered to that country; outside the EU no Dutch VAT is charged.

Delivery

Delivery costs depend on the size of the product and the country. You see them at checkout, and all rates are on optinovatetech.com/delivery-and-vat/.

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