RODENSTOCK Instruments

Making analysis fashionable

Product Guide
2024

RODENSTOCK

Our philosophy.

RODENSTOCK Instruments

Get it all from one source. With this ambition, we can guarantee you an innovative, perfectly coordinated product range.

RODENSTOCK Instruments offers a wide range of sensibly linked products and functions. As a solutions provider, we have many years of experience and always respond specifically to your wishes. Use the advantages of our product range to offer your customers comprehensive service in all matters concerning the eye.

Product Range

Refraction

Diagnostics

Furniture

Refraction

We offer you individual system solutions from the pre-examination to objective refraction and subjective refraction. With these systems, you can always determine the optimal vision correction for your customers.

Multifunction Unit
ALINO®

Auto Ref-Keratometer
CX 800
CX 1000
CX 2000

Lensmeter
AL 6400 / AL 6600
AL 6500 / AL 6700

Chart Projector
Rodachart 422

Phoropter
Phorovist 800
Phorovist 2000
Phoromat 2000

Chart Panel
CV 600 / CV 800P
CV 900
CV 1000P

Refraction Accessory
Trial Lens Set 266 /
Trial Frame 10
Prism Lens Set 84
Perimeter Lens Set 68

Multifunction Unit **ALINO**®

- 5 + 1: Ref, Kerato, Tono, Pachy, Topo, Dry Eye observation app
- Quick Refraction function
- Tonometry & Pachymetry = corrected IOP
- Gentle air puff
- Different Topography maps

Auto Ref-Keratometer **CX 800**

- Central K-values
- Auto-measurement
- Pupil & cornea ø measurement

Auto Ref-Keratometer **CX 1000**

- Central & peripheral K-values
- Auto-measurement
- Retroillumination
- Near vision simulation
- Pupil & cornea ø measurement

Auto Ref-Keratometer **CX 2000**

- Central & peripheral K-values
- Auto-alignment & auto-measurement
- Pupil & cornea ø measurement

Lensmeter **AL 6400 / AL 6600**

- Wavefront technology
- Simultaneous measurement of UV/Blue light transmission and lens power
- Lens mark recognition support
- Automated PD measurement and Wi-Fi connection (AL 6600)
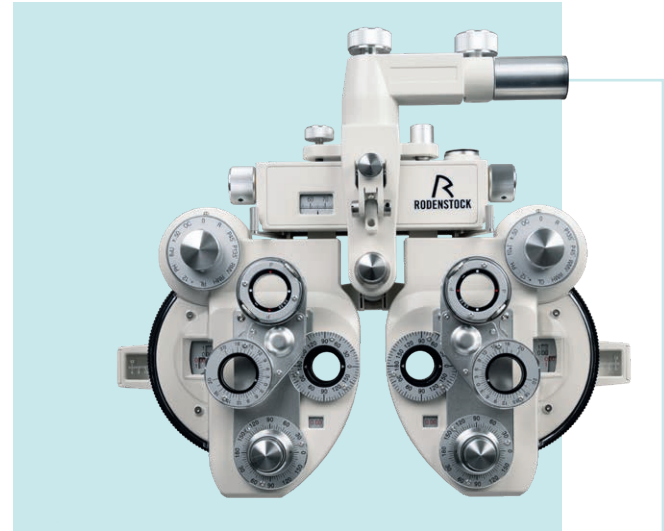
Lensmeter **AL 6500 / AL 6700**

- Wavefront technology with Shack–Hartmann Sensor
- Measurement of UV/Blue light transmission
- Universal ink cartridges for all lens coatings
- Automated PD measurement and Wi-Fi connection (AL 6700)
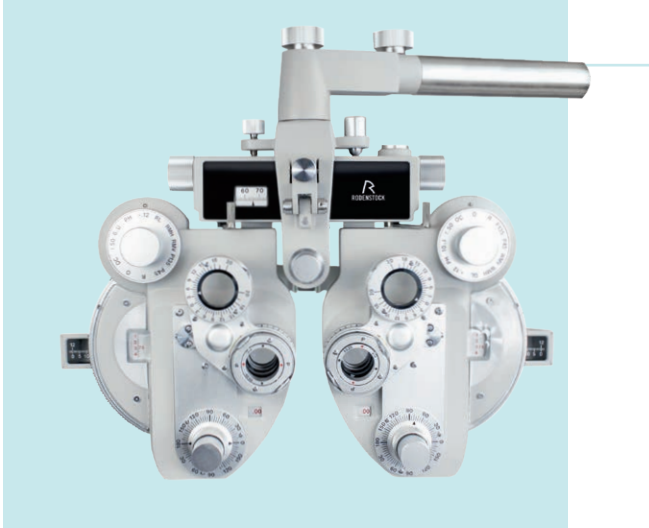
Auto Chart Projector **Rodachart 422**

- 42 charts
- Connection to Phoromat 2000
- Maintenance-free LED light
- Bright and clear chart projection
- Increased efficiency due to the smart selection of essential charts
- Convenient focus adjustment by rotary aperture

Manual Phoropter **Phorovist 800**

- Multi-coated lenses
- Cross cylinder & rotary prism
- Near vision chart & convergence system
- Auxiliary lenses
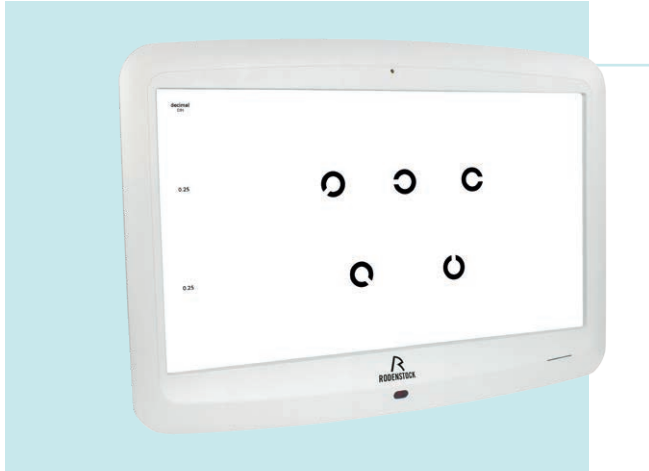
Manual Phoropter **Phorovist 2000**

- High-grade coating on all lenses
- Cross cylinder & rotary prism
- Near vision & auxiliary lenses
- Convergence system

Automated Phoropter **Phoromat 2000**

- Touchscreen control
- Minus and plus cylinder
- Rotary prism
- Communication to all RODENSTOCK Instruments chart panels
- Equipped with all standard refraction tests
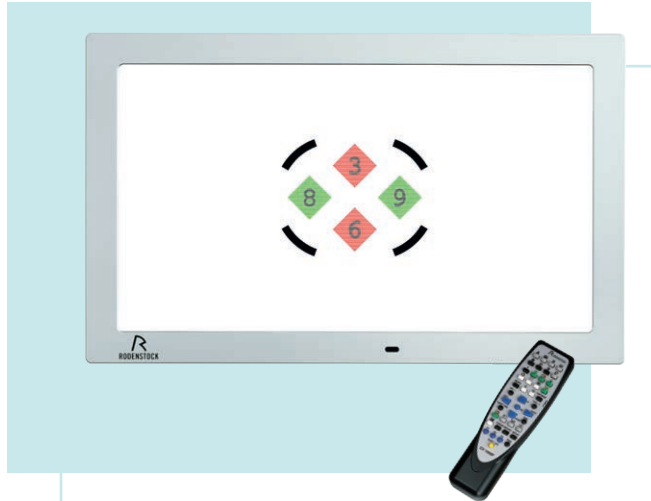
Chart Panel **CV 600 / CV 800P**

- Wi-Fi/Bluetooth connection to Phoromat 2000
- Accurate linear polarisation (CV 800P)
- Polarisation tests incl. Heterophoria (CV 800P)
- Snellen, ETDRS, Crowding Bars
- Red-green and stereo tests
- Colour vision tests

Chart Panel **CV 900**

- Infrared connection to Phoromat 2000
- Red-green charts for binocular vision tests
- Contrast sensitivity test
- Multimedia tool for patient education

Chart Panel **CV 1000P**

- Infrared connection to Phoromat 2000
- Precise linear polarisation
- Extensive polarised test selection incl. Heterophoria
- Red-green and stereo tests
- Programmable display sequences

Refraction Accessory **Trial Lens Set 266 / Trial Frame 10**

- Carrying case equipped with a wooden tray
- Includes two cross cylinder & a microfiber cloth
- 266 pieces of trial lenses with plastic rims of 38 mm diameter
- Trial Frame 10 offers space for a total of 10 trial lenses

Refraction Accessory **Prism Lens Set 84**

- Perfect for heterophoria & strabismus measurement
- 84 prism lenses:
  four lenses of each prism diopter step
- The carrying case includes
  a wooden tray & a microfiber cloth

Refraction Accessory **Perimeter Lens Set 68**

- Suitable for people with ametropia
- 68 lenses with thin metal frames
- Compatible with the lens holders of all
  RODENSTOCK Instruments perimeters
- Includes a microfiber cloth

Diagnostics

Take advantage of our screening devices to offer your customers a range of services and create added value for your company.

Fundus Camera
FundusScope

Specular Microscope
REM 4000

Tonometer
TopaScope®
NCT 2000

Perimeter
Perismart
Peristat
Perimat 2

Vision Tester
R 30nykto

Slit Lamp
RSL 2100
RSL 2600 / 2600digital
RSL 4500 / 4500digital
RSL 5000 / 5000digital

Fundus Camera **FundusScope**

- 12M pixel sensor
- Field of view 45° × 45°, expandable to 45° × 80°
- 10 fixation points
- Automatic eye tracking
- Auto focus & auto-measurement

Specular Microscope **REM 4000**

- 13 measurement areas
- Integrated non-contact Pachymetry
- Automatic analysis, L-count, Core method, Dark Area analysis
- Integrated database
- Auto-alignment & auto-measurement

Non-Contact Tonometer **TopaScope**®

- 3D auto-tracking & auto-measurement
- IOP measurement by a soft air puff
- CCT measurement using Scheimpflug technology
- Pachymetry for IOP correction
- Excellent measurement repeatability
- Interface on 10.1" touch panel
- Internal patient database
- Built-in thermal printer

Non-Contact Tonometer **NCT 2000**

- Cornea-thickness-related IOP correction
- Soft and quiet air pulse
- Auto-alignment & auto-measurement

Perimeter **Perismart**

- Compact & portable static perimeter
- White-on-white stimulus
- Up to 80 degrees horizontally, 40 degrees vertically
- Screening and fast threshold strategies for early Glaucoma detection

Perimeter **Peristat**

- Static automated perimeter
- Wide range of strategies, test fields, and parameters
- Green-on-white LED back-projection stimuli
- Blue/yellow (short-wavelength automated perimetry)
- Can be configured with almost any PC running the Windows operating system

Perimeter **Perimat 2**

- Complete set of threshold, supra-threshold, and kinetic tests
- Goldmann I to V stimulus size
- Advanced eye-tracking
- Comprehensive test reports and progression analysis
- 17" HD capacitive touch screen
- Patient audio guide

Vision Tester **R 30nykto**

- Test for visual acuity for far and near vision
- Standardised driving and Ishihara tests
- Test for mesopic vision with and without glare
- Paediatric test with single optotypes
- Easy operation with 7" tablet

Slit Lamp **RSL 2100**

- Quality optics
- LED illumination
- Rotating drum with 5-step magnification
- Multiple integrated filters

Slit Lamp **RSL 2600 / 2600digital**

- High-resolution digital imaging system with
  IR background illumination (RSL 2600digital)
- High-quality optics
- LED illumination
- Rotating drum with 5-step magnification
- Multiple integrated filters

Slit Lamp **RSL 4500 / 4500digital**

- High-end digital imaging system and background illumination (RSL 4500digital)
- Exceptional optics
- LED illumination
- 5-step magnification changer
- Extensive filter and accessory set
- Integrated yellow filter
- R-Type Tonometer (optional)

Slit Lamp **RSL 5000 / 5000digital**

- High-end digital imaging system and background illumination (RSL 5000digital)
- Exceptional optics
- LED illumination
- 5-step magnification changer
- Extensive filter and accessory set
- Integrated yellow filter
- R-Type Tonometer (optional)

Furniture

Functionality, clear contours and appealing design – to complete our portfolio, we offer you functional equipment that is perfectly matched to our devices.

Refraction Unit
PRO 500
PRO 1000 / PRO 1000 EVO

Table
RT S / RT V / RT B
RT 2C

Refraction Unit **PRO 500**

- Easy to install (right- or left-handed operation)
- Electronically controlled patient chair
- Preconfigured for RODENSTOCK equipment
- Projector column with reading light

Refraction Unit **PRO 1000 / EVO**

- Integrated accessories drawer
- Easy to install (right- or left-handed operation)
- Motorised chair with tilting action
- Motorised height-adjustable table (EVO)
- Preconfigured for RODENSTOCK equipment
- Personal touch with individual internal LED light
- Electromagnetic table locking

Table **RT S / RT V / RT B**

- Vertically adjustable electric table
- Max. load 65 kg
- Dimensions (W × D):
  RT S = 66/72 × 45 cm
  RT B = 99/106 × 60 cm
  RT V = 99/104 × 55 cm

Table **RT 2C**

- Vertically adjustable electric table with two columns
- Max. load: 90 kg
- Very useful for wheelchair access
- Table top: W × D 120/124 × 55 cm

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