

PRODUCT CATALOGUE

optohellas
Worldwide Representation Platform

opto finance

ΕΥΕΛΙΚΤΟ ΠΡΟΓΡΑΜΜΑ ΔΟΣΕΩΝ

SUOEP

EYEΦOS

MAIN
MEDITECH

OptoSystems

TOWARD IT
Medical Technology

APPASAMY
ASSOCIATES
Empowering Vision*

appsmart
OPHTHALMO

altris AI

Supore

SYSEYE

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SUOER

EYEΦOS



OptoSystems



appsmart OPTHALMO



altris AI

Supore

SYSEYE

RODENSTOCK

GLAUKOS

Rexxam SHIN-NIPPON

VISIONIX

avedro Leader in Cross-Linking

TRACEY TECHNOLOGIES defining vision analysis

Reichert TECHNOLOGIES

VISION

LABOMED

Med Astrus

VOLK

Lumenis Energy to Healthcare



FRASTEMA

A.R.C. LASER

i-Optik

MOPTIM



Inami OPTHALMIC INSTRUMENTS

SUN SK MED For Your Visible Future

MICRO CLEAR

view TECHNOLOGY

WelchAllyn

Takubomatic

remidio

SurgiCube International

CRMI

Sincoheren

optohellas

Η Opto Hellas είναι μία από τις μεγαλύτερες εταιρείες προμήθειας ιατρικών οργάνων, εμφυτευμάτων και αναλωσίμων στην Ελλάδα. Η εταιρεία μας κατάφερε με εργατικότητα και συνεχή εξέλιξη, μέσα σε 25 χρόνια να εισαχθεί στο κύκλο των πιο αναπτυγμένων ιατρικών εταιρειών της Ευρώπης και να είναι παγκοσμίως αναγνωρισμένη από την ιατρική κοινότητα.

Στόχος μας είναι η δημιουργία ποιοτικών και αξιόπιστων προϊόντων που θα πληρούν τις προϋποθέσεις και τις προδιαγραφές, των συστημάτων υγείας και των γιατρών, για να απολαμβάνουν την πιο άνετη χρήση οι ιατροί και την καλύτερη μεταχείριση οι ασθενείς.

Η Opto Hellas συνεχώς αναπτύσσεται και συνεργάζεται με σημαντικές πολυεθνικές εταιρίες παραγωγής διαγνωστικών μηχανημάτων, με σκοπό να προσφέρει καινοτόμες και εξελιγμένες λύσεις για τις σύγχρονες ανάγκες του κάθε ιατρού.

Ο όμιλος της Opto Hellas δραστηριοποιείται πλέον σε περισσότερες από 94 χώρες σε Ευρώπη, Μέση Ανατολή, Αφρική, Αμερική, Καναδά και Ασία. Είναι στόχος του ομίλου να προσφέρει έμπιστα και άριστα σχεδιασμένα ιατρικά μηχανήματα παγκοσμίως, θέτοντας υψηλά τον πήχη της ποιότητας και της αξιοπιστίας ανά τον κόσμο.

optohellas

Opto Hellas is one of the largest suppliers of medical instruments, implants and consumables in Europe and is constantly expanding to new and challenging markets. Our customer base which we refer to as 'the Opto family' consist of ophthalmologists, orthopedics, dermatologists, and medical institutes. We aim to serve those that seek for superior customer service and innovative products, to better their working environment and day to day operations.

Opto Hellas is constantly evolving with the help of technology and the rapid growth of international medical markets, but we never forget our path that led us to where we are today. We focus on the needs of our customers and constantly try to support them whenever they are in need and wherever they are located.

With more than 25 years of experience in the fields of Ophthalmology, Orthopedics and Dermatology, we have created a welcoming platform for respected practitioners of all ages and fields, to showcase their breakthroughs, knowledge, and opinions through OptoTV; a platform that aims to educate and inform both the general public and professionals via videos.

As all know the future is always unpredictable but we are sure that here at Opto we will continue to support and empower our customers, focus on methods to enhance their operations through exquisite product lines and increase the quality standards of our field globally.





PRO 1000 EVO



Input tension	110/115 V AC/230 V AC +- 10%
Max. Table top load	45kg
Table top height	82cm – 92cm
Max. Chair load	120kg
Width	900mm – 1440mm
Depth	1500mm – 2360mm
	ER 500R that turns 90°



PRO 500



Input tension	110/115 V AC/230 V AC +- 10%
Max. Table top load	45kg
Chair Elevation	+/- 20cm
Max. Chair load	120kg
Width	900mm – 1300mm
Depth	1420mm – 1820mm



EASY PLUS



Supply voltage	100 – 240V AC, 50/60Hz
Power	280VA & F-type sockets 450VA
LED lamp power	9W
Max. table top load	50kg
Table top height (fixed)	874mm
	COMFORT chair electrically elevated with armrests, footrest, and reclining
Max. chair load	150kg
Chair working range	493 – 693mm
Width	972 – 1 266mm
Depth	596 – 1704mm
Height	1682mm



ECO PLUS



Supply voltage	100 – 240V AC, 50/60Hz
Power	280VA & F-type sockets 450VA
LED lamp power	9W
Max. table top load	50kg
Table top height (fixed)	878mm
	COMFORT chair electrically elevated with armrests, footrest, and reclining
Max. chair load	150kg
Chair height working range	493 – 693mm
Width	1051 – 1357mm
Depth	1414 – 1522mm
Height	1817mm



66R NEWLINE



The 66R NEWLINE unit is Two instruments unit.

Input tension	220 V 50/60 Hz – 110 V 50/60 Hz
Power	960 VA
Lamp Power	15 V
Table Height	876mm
Weight	180Kg
Width	1547mm
Depth	1374mm
Height	1975mm



65SA EXCLUSIVE



The 65SA Exclusive unit is two instruments unit with motorized table elevation. Adaptable to disabled patients with the additional of the option: mobile base.

Input tension	220 V 50/60 Hz – 110 V 50/60 Hz
Power	1060 VA
Lamp Power	120 W
Table Height	785 - 935mm
Weight	180Kg
Width	1510mm
Depth	1580mm
Height	1900mm



ELITE



The Elite is a complete and modern 2 instruments and column with aerial lamp and chart monitor support.

Input tension	230 V 50/60 Hz
Overhead Halogen Lamp	2x 12V 5W
Table Height	73cm to 98cm
Weight	210Kg
Height	186cm
Chair Rotation	360°



DELTA Q



The Delta Q comes with an elevating tabletop for two instruments. Column with for chart monitor.

Input tension	115/230 V 50/60 Hz
Overhead Halogen Lamp	2x 12V 35W
Table Height	73cm to 98cm
Weight	210Kg
Height	196cm
Chair Rotation	360°
Chair Height	48cm to 63cm



LIDYA II



Lidya II constitutes a creative solution to the room space because it can adjust in every medical practice needs and is offered in a variety of colors

Output for Slit Lamp	5V/6V/12V/18V
Height	1848mm
Width	1277mm
Depth	1628mm
Chair Back Movement	Optional
Chair Height	48cm to 63cm



NEW PRESTIGE



Input Tension	220V 50-60 Hz. 110V 50/60 Hz.
Power	1060 VA
Lamp power	150 W
Table height	775-925 mm
Weight	200 kg
Width	1600 mm
Depth	1730 mm
Maximum height	1950 mm



88NE EXECUTIVE DELUXE



Input tension	220/240 V 50/60 Hz – 110/130 V 50/60 Hz
Height	1400mm
Weight	100Kg
Width	620mm
Depth	800mm
Rotation	45° left 45° right
Back Rotation	60°



88FA COMFORT



Input tension	220/240 V 50/60 Hz – 110/130 V 50/60 Hz
Height	1150mm
Weight	180Kg
Width	670mm
Depth	1000mm
Rotation	40° left 40° right
Back Rotation	90°



V - SHAPE

Medinstrus

Ophthalmic table for 2 instruments, with electric elevation. Wheel table with a mechanical back and forth movement in a V shape. Very reliable and easy to handle and move.

Power Supply	115/230V 50/60 Hz
Height	63cm – 83cm
Height Adjustment	Electrical
Lifting Capacity	80 Kg
Dimensions	53cm x 93cm



MT-01

Medinstrus

Table for 1 instrument. Adjustable for the height and available in many colors.

Power Supply	115/230V 50/60 Hz
Height	63cm – 103cm
Height Adjustment	Electrical
Lifting Capacity	50 Kg
Weight	18 Kg



RT S

R RODENSTOCK

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



RT 2C

R RODENSTOCK

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



CX-1000

R RODENSTOCK

- Central & peripheral K-values
- Auto-measurement
- Retro illumination
- Near-vision simulation
- Pupil & cornea measurement



CX-800

R RODENSTOCK

- Extremely fast operation
- Combination of joystick and touch screen
- Central K-values
- Auto measurement
- Pupil & cornea measurement



K-900

Rexxam
SHIN-NIPPON

- Full automatic / manual-hybrid alignment
- Feather-touch sensor button
- Unique LCD screen and automatic 3D alignment
- Newly designed optical unit with further improved accuracy
- Improved side flaps, head rest and chin rest
- New joystick
- Newly designed IOL Mode
- Scotopic & Photopic Pupil Diameter Measurement



RMK-800

NEW **Supore**

- Hartmann Shack Wavefront sensing tech
- Auto measuring function (both eyes automatic measurement)
- Auto testing 3D
- High accuracy of keratometry testing tech
- Rotating Touch screen

i-Optik

ARK-910



- 7.0-inch tilting touch screen
- 3D Autofocus
- One touch lock
- Fast & User-Friendly operation
- Motorized chin rest
- Auto tracking function
- Retro Illumination

i-Optik

KR-9800



- 7.0-inch touch screen, with adjustable angle of 90 degrees
- Pupil measurement function
- One touch lock
- Fast & User-Friendly operation
- Motorized chin rest
- Auto tracking function
- Retro Illumination



VRK-2400



- Easy alignment and friendly
- Examination mode: (REF Mode), (KER Mode), (K/RMode), (CLBC Mode), Auto Start
- Wide range of measurement: SPH from -25D to +22D, and radius of curvature from 5.0mm to 10.2mm
- Auto Starting function
- Sophisticated and modern design

MOBILE

SUOER

SW-800



SW-800 is a simple and fast visual parameter screening instrument that measures both eyes simultaneously just like taking a photo. This device is designed to detect vision issues for patients' ages 3 months through adults. A total of 8 different binocular measurement can be attained within 2 seconds.

- Measures both eyes simultaneously
- Detect vision issues for patients' ages 3 months through adults
- 8 different binocular measurement within 2 seconds
- Binocular refractive detection
- Automatic detection
- 5 inch touch screen
- Work distance 1m
- Wi-Fi data transfer



VX-105

i-Optik

- Shack-Hartmann measurement technology.
- 3D auto tracking and auto measurement.
- Placido measurement principle, with 6144 measurement points.
- Keratoconus screening function.
- Corneal contact lens prescription/fitting evaluation.
- Day and night vision measurement and comparison.



RET-700

- Auto Ref, Keratometer, Topographer, PC and database Auto Ref-Topographer
- Wide topo measurement range (0.4mm to 10.7mm(R8.0))
- A variety of analysis functions (Current map, Multiple map, Dual case, Difference map, Aberration etc.)
- Database
- Maximum 6 images are captured continuously
- Scotopic & Photopic Pupil Diameter Measurement
- Wide screen and electric chinrest



ALINO

Alino is a 6 in 1 unit that provides space utilization and impress the customers with this all-in-one device. More efficient with higher customer circulation which equals an increased frequency of customers.

- Auto alignment and autofocus
- Refraction
- Keratometry
- Tonometry
- Pachymetry
- Topography
- Dry Eye



CXT-3000

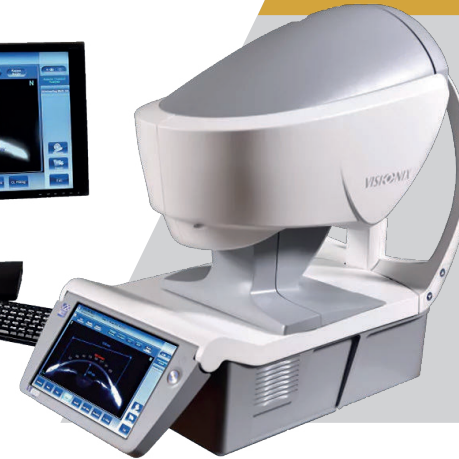
- 4 systems in 1 instrument (Topography, Autorefraction, Keratometry and TSAS)
- Different Topography maps
- Highly accurate measurements
- Tear stability analysis system (TSAS)
- Pupil & cornea measurement
- Auto alignment & auto measurement



VX-120+



- Combined with anterior chamber analysis
- Autorefractometry / Keratometry
- Shack-Hartmann Wavefront Technology
- Placido Ring Corneal Topography
- Corneal & Ocular Aberrometry
- Retro-Illumination
- Anterior Chamber Analysis
- Pachymetry & Scheimpflug Imaging
- Non-Contact Tonometry



VX-130+



- Combined with anterior chamber analysis
- Delegate a fully automated exam
- Cataract Outcomes
- Detect and monitor keratoconus either by KPI or RMS Value
- Screening: Corneal & Kappa Angle, Posterior keratometry
- Glaucoma Monitoring: Irido Angle, ACD and ACD Volume, IOP and IOP
- Refractive Surgery
- Contact Lens Adaptation



VX-650



- Anterior And Posterior Segment Analysis
- Full Range Of Clinical Applications (keratoconus, cataract, glaucoma, nevus, diabetic retinopathy, retinal hemorrhage and more)
- Efficient Data Management (GDPR, HIPAA)
- Automated And Intuitive Data Collection
- Telehealth And Remote-Ready 45-degree retinal imaging.



VX EYEREFRACT



- Computer algorithm guided
- Shack-Hartmann wavefront aberrometers with a fully automated digital phoropter.
- Essential For Refractive Surgeons
- Tablet-driven process
- Chinrest: Electrical
- Near Vision Target: 250-700mm, Mini tablet 7"
- Head: Autofocus, auto-centering



RSL 2600 LED/ Digital



- Elegant Rodenstock design
- Power: 100V-240V, 50/60Hz
- Image Sensor: 5.0M Pixels @ Resolution: 2592 x 1944
- HD Optical System
- Built in Yellow filter
- Convenient Patient Management
- Most effective tools for Dry Eye
- Integrated filters



RSL 4500 / Digital



- Elegant Rodenstock design
- Power: 100V-240V, 50/60Hz
- Image Sensor: 5.0M Pixels @ Resolution: 2592 x 1944
- HD Optical System
- Built in Yellow filter
- Convenient Patient Management
- Most effective tools for Dry Eye
- Integrated filters



RSL 5000 / Digital



The H-type RSL 2500/Digital combines quality optics with image and video recording of all slit lamp examinations – for the documentation of diagnostic findings, patient consultation or for presentation purposes. A perfect examination and consultation tool in combination with the supplied software. The integrated high-resolution 5.0 MP camera chip delivers optimal image sharpness and contrast.

The integrated high-resolution 5.0 MP camera chip delivers optimal image sharpness and contrast.

- High-resolution digital imaging system with direct HDMI output (RSL 2500digital)
- High-quality optics
- Integrated high-resolution 5.0 MP camera chip
- LED illumination
- 5-step magnification changer
- Integrated filters



RS 5000/RS 500/RS 300



- Excellent multicoated optics
- Magnifications: RS 5000, RS 500 (5x) @ RS 300 (3x)
- LED light source
- Integrated Yellow filter
- DCS-700 compatibility: Yes / No for RS 300
- Yellow filter (Observation): Yes
- Background illumination: Yes/Optional for RS 500



AIA-11/12 2S/3S/5S



- Parallel binocular head
- Power supply: 10 0-240 V AC~, 0.3A, 47 -63 Hz
- Superior LED Illumination: LED 3.4V - 2W
- Diopter Adjustment Range: -8D to +8D
- Total Magnification: 10x, 16x / 10x, 16x, 25x / 6x, 10x, 16x, 25x, 40x/ 6x to 40x continuous
- Color filters: Cobalt Blue, Green Red Free & Heat Absorbing.
- Aperture sizes: 0.2, 1, 3, 4, 6, 10 & 14mm in diameters for the extensive field view.



NEW

OPTO VISION 5S DIGITAL / 3S



- Voltage: 100~240V 48~62Hz Compatible
- Light Source Warm LED
- Parallel type, Galilean system
- 3 Mag. (10x, 16x and 25x) & 4 Mag. (6x, 10x, 16x, 25x, 40x)
- Brightness control Continuously adjustable
- Illumination tilting 5°, 10°, 15°, 20°
- Filter: Heat Absorption, Grey, Redfree(Green), Cobalt Blue
- Imaging System on SL-3S D/C 12mp.



NEW Dry Eye Module



K-0240 LED



- Continuous light volume controller for fine adjustment
- Convergent optics for user's comfort
- Digital video camera beam splitter can be attached
- Half-moon type column for laser system attachment
- Digital camera controllable base for easy photography (activating this function is optional)
- Light booster for momentary extra-brightness (halogen type only)



REMOTE CONTROL

ITHAKA



optohellas

ADVANCED - REMOTELY CONTROLLED SLIT LAMP

- Motorized slit lamp control and streaming video
- Control over the slit lamp wireless, via internet connection
- Slit lamp back - forth and left - right movement, in various speeds, depending on the joystick's movements
- Slit lamp illumination column rotation (-45 -0 -45)
- Slit lamp illumination column high adjustment
- Slit width, continuous from closed to fully open
- Magnification by step (6x, 10x, 16x, 25x, 40x)
- Light intensity, from closed to full, in five steps, with auto-on/off function, for energy and lamp life time saving
- Video, such as the white balance control, auto focus, audio level



OV-101 HSL

- Resolution Ratio of Image: 1920 1080
- High definition and stable Image due to the 10 x magnification
- LCD Screen: 3.5 inch TFT Colored Screen
- USB Connection to Computer
- Storage: Micro SD card. Maximum to 32G
- Battery Power: Li-on rechargeable Battery 3.6V/3400mAh
- Forehead Adjustment Range: ≥ 10 mm
- Objective lens: 0.42
- Filter Red Free, Cobalt blue, Heat Absorption, No filter



HYPERION

- High definition imaging
- Real-time focus system: Cloud service system
- 10x Magnification
- Super light and convenient: weight 850g
- Multi data transfer and storage system
- Easy operation and high definition imaging



XL-1

- High-Intensity Day Light Color LED Sharp slit light
- Built-In PD Pupil Distance (50-70mm at eyepiece x10 & 55-70mm at eyepiece x 16, Adjustment Gear
- Light Weight / Compact Size Filter Functions (Illumination System)
- Battery Power (Li-ion battery 7.4v 680mAh)



LS-1B

The device is supplied with carrying case, battery charger, forehead support and user manual.

- Two magnification with selector switch: 10x, 16x.
- Operating distance of the slit lamp should be 80mm (16X magnification) and 100mm (10X magnification).
- Ability to adjust the distance of the eyepieces from 49mm to 75mm.
- Be able to adjust the diopters of the eyepieces: ± 7 D.
- Filters: Neutral density (ND), Redfree, Cobalt blue
- Thermal LED light source with a color temperature of 3500k.
- Operating voltage of the Led source should be 15VA, AA Battery

CV - 900 24"



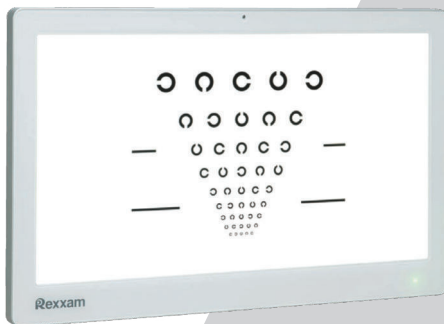
- Preprogrammed 24-inch with high-quality polarizing display
- Red-green charts for Binocular vision tests
- Special tests like contrast sensitivity and color separation
- Infrared communication to Phoromat 2000
- Compatibility with iOS application "Chart MAXX"

CV- 600



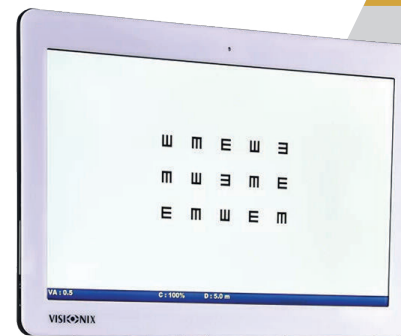
- 24-inch preprogrammed chart with direct or indirect display
- Driver's license test (optional equipment)
- Entry-level polarizing display
- High contrast presentation of test types.
- Special tests like contrast sensitivity and color separation
- Infrared communication to Phoromat 2000
- Compatibility with iOS application "Chart MAXX"

LCD 1000P 24"



- 24inch high resolution Display Panel with circular polarization.
- Resolution of 1920(H) x 1080(V) Pixels
- Various types of standard charts
- Polarized charts for Binocular test, ETDRS chart, Contrast test, 3D test etc.
- 4 kinds of channels for the remote control are available.

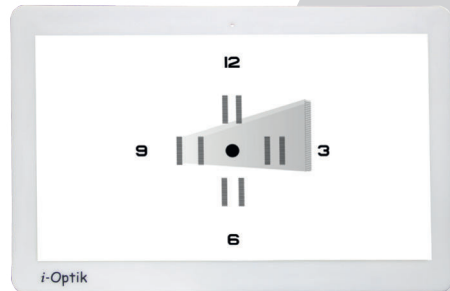
VX-22



- LCD display, with its 23.6" size
- 3 versions available (Non polarized, Linear polarized & Circular polarized)
- Built-in LED for external fixation point
- Ergonomic design, streamlined style, and the large number of tests
- Matching tests for child tests
- Flexible Reading Distance
- Large Choice Of Options & Fully Compatible

CM-1900P

i-Optik



- 23inch Polarized chart for binocular test
- Precise distance adjustment, easy mounting
- Random test sequence
- Wireless Remote control & Data connection with CV-7600/7800
- Wide range of test types.

CLEARCHART 4

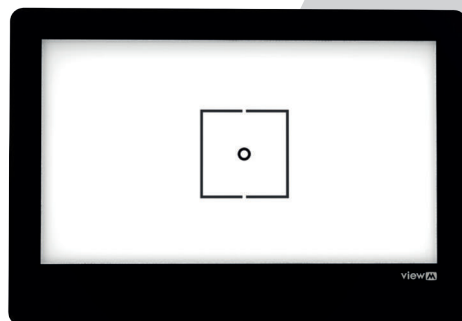
Reichert
TECHNOLOGIES



- 24 inch high resolution LED backlit display
- Purpose built for acuity testing
- Cool running, free of moving fans or hard drives
- Pediatric fixation cartoon video
- Astigmatic testing

VLC - 2400 24"

view
TECHNOLOGY



- 24 inch high resolution display
- Networking Function
- Special Charts & Various Precise Examination
- Wireless Remote Control
- User Friendly Function: Black/White, R/G, ETDRS, Random, Slide Show, Contrast Sensitivity

SCS - 3200 32"

view
TECHNOLOGY



- System random & side function
- Resolution: 1080 x 1920 Pixels
- Wireless: Main Remote Control : IR DA / 3D Remote Control : RF
- Accessories: Main Remote Control, Wall mount, Power Cord, Manual



CM-2200

i-Optik

- High-definition optical reflection system
- Installation distance 0.2-1.5m
- A standard refraction distance and viewing angle can be obtained
- Can be control by remote control or tablet
- Built-in rich charts to meet the needs of refraction
- Can be used synchronously with CV-7800 Computerized vision tester



ACP-1000

NEW

Supore

TABLETOP REFRACTION SYSTEM

- Space saving unit with sophisticated design
- Chart: 33 Selections
- Lamp-house: LED or LCD
- Filter: Red/Green

Supore

ACP-800

NEW



Projector

- Fast response in 0.3 seconds
- Setting for red & green LED brightness
- Switching power supply for more stable and reliable machine
- The latest international visual signs for more accurate testing result

VISION

OV-650



Projector

- Duochrome test charts to check single and binocular vision
- Projector with 30 visual acuity charts and 35 masks
- Halogen Illumination with 50W halogen lighting lamp
- Projection distance: 1.5m - 6m

i-Optik

ACP-1500



Projector

- Power source: AC 220V, 50Hz or 110V, 60Hz
- Imaging diagnostic equipment with 30 different charts & 35 masks
- Projection Distance: 1.5m - 7m
- Remote Controlled
- Chart Switching Speed: 0,01s - 0,02s
- Lamp: 12V, 50W (Halogen) & 12V, 10W (LED)

Rexxam
SHIN-NIPPON

DR - 900 Digital



Auto Phoropter

- Safe, Clean, Speedy, Quiet Refractor Head
- Double LED Illumination
- Simple & Easy with 10.4 Inch LCD & Tilting Multi Display
- Jackson Cross Cylinder: ± 0.25 , ± 0.5
- Built In Printer
- Binocular, Sensitivity, Chart Masking, Auxiliary Lenses & Filter

R RODENSTOCK

PHOROMAT 2000 Digital



Auto Phoropter

- Automatic Phoropter & Premium quality
- High grade coating on all lenses
- Touchscreen Controlled
- \pm Cross Cylinders
- Rotary prism: 0 to 20 Δ
- Communication with all Rodenstock Instruments Chart Panels
- Equipped all Standard Tests

Supore

VT-800

NEW



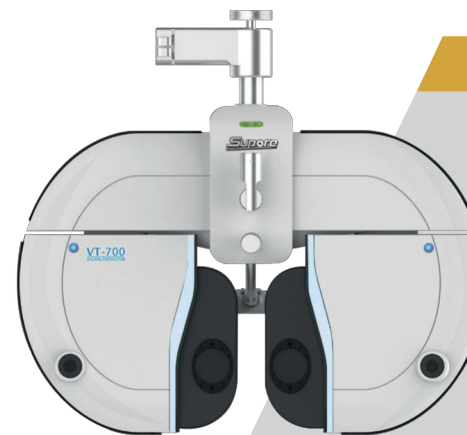
Auto Phoropter

- 180° Rotatable screen make it more convenient to communicate with customer
- Single PD setting make it easy for progressive lenses
- ONE key help function makes the operator to learn the functions more easy

Supore

VT-700

NEW



Auto Phoropter

- 180° rotating screen providing direct communication with customers
- Various near visual and facilitating icons built in
- Abundant online functions
- Elegant with exquisite workmanship
- More accurate measurement
- TrueColor touch screen

i-Optik



CV-7800

Auto Phoropter

- Quieter and All-Round
- Intellectual Interaction Mode
- External Device Data Transmission
- Sphere: -19.00 ~ + 16.75D
 & -29.00 ~ +26.75 (standard mode)
- Jackson Cross Cylinder: ± 0.25 , ± 0.5
- Cross Cylinder Lens: $\pm 0.25D$



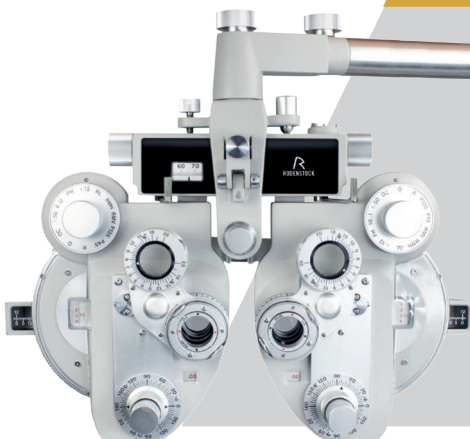
VRx & RX Mechanical

Auto Phoropter

- Pre-programmed & programmable tests
- Illuminated near point
- 10.4 inch touchscreen display
- Spherical Effects: +17.75 to -22.25 D
 Steps : 0.25 and 1.0 D
- Cross Cylinder Test: $\pm 0.25 D$
- Pupil Distance: 50 to 80 mm
 Steps: 1 mm binocular

R RODENSTOCK

PHOROVIST 2000



Manual Phoropter

- Manual Phoropter
- High quality and precise mechanical components
- Cylinder Axis: 0 to 180
- PD: 48 to 80 mm (Far)
- Cross Cylinder: $\pm 25D$

VISION

OV - 1460



Manual Phoropter

- Unique design of butterfly-shape appearance
- Checking up visual functions
- Cross Cylinder: $\pm 25D$
- Sphere Power Range: +16.75 to -19.00 diopters
- Cylinder Power Range: 0.00 to -6.00D
- Vertex Distance: 13.75mm



Rexxam
SHIN-NIPPON

DL - 1000/ DL - 900/ DL - 800

- GREEN LED light
- User interface with beautiful and excellent visibility
- Wide visual field angle and tilt screen
- "Dual Nose Pad" PD measurement
- Hi-Speed UV measurement



R RODENSTOCK

AL 6500 / 6700

- Contact lenses marking & measurement
- Auto hold, Wi-Fi Connection & 7.0"LCD Touch Screen
- PD measurement
- Stack-Hartmann Wavefront Sensor 145 Points
- Digital measuring template
- Determine also UV light and blue light transmittance



VISIONIX

VX-40

- Auto lensmeter analysis of a lens at the push of the button in 30 seconds.
- Fully automated with automatic lens analysis
 - Easy to use with the unique lens holder system
 - Analyzes progressive and free form lenses
 - Side by side progressive Lens analysis
 - Screen: LCD/16M colours, 7"
 - Light source: LED - 730 nm



Reichert
TECHNOLOGIES

LENSCHEK PLUS

- Brilliant 5.7 inch color LCD display
- Utilizes green measurement light
- Automatically lock-in measurement when optical center is aligned
- Measures single vision, bi-focal/ tri-focal, and progressive lenses
- Data output options: built-in printer
- Built-in storage compartment for extra printer paper or accessories
- Sphere: -25 D to +25 D
- Cylinder: 0 D to ±10 D



AL 6400 / 6600



- Wave front technology with Hartman Sensor 117 points
- Simultaneous measurement of UV/Blue light transmission and power
- Lens mark recognition support
- Simple Power mapping
- LAN & RS-232C Connection



LM-800

NEW



- More accurately measurement under Hartman Shack Principle
- QR code printing without paper
- The all in one printer provides better solution for printing paper replacement
- LCD HD Liquid crystal display
- Built in focus distribution terrain function
- Simple user interface



LM-700

NEW



- More accurately measurement under the Hartmann principle
- QR code printing without paper
- The all-in-one printer provides better solution for printing paper replacement
- High-resolution truecolor screen
- User-friendly menu for progressive measurement
- Self-calibration function of the software



TL-6500



- 7.0 inch color LCD touch panel
- Hartmann sensor with 108 multiple measure points
- Green measurement light beam
- Dyeing lens, sunglasses measured easily
- Data transmission

VISION



TLC-232/266 PLASTIC/METAL

Set trial lenses of 232/ 266 pieces is an essential ophthalmic device for every hospital, ophthalmologist and optician.

- Positive and negative spherical and cylindrical lenses
- Special lenses for pupil distance, the false blindness, and the sensitivity to colors.

VISION



TLC 48 PLASTIC/METAL

Set trial lenses of 48 pieces is an essential ophthalmic device for every hospital, ophthalmologist and optician.

- Positive and negative spherical and cylindrical lenses
- Special lenses for pupil distance, the false blindness, and the sensitivity to colors.

VISION

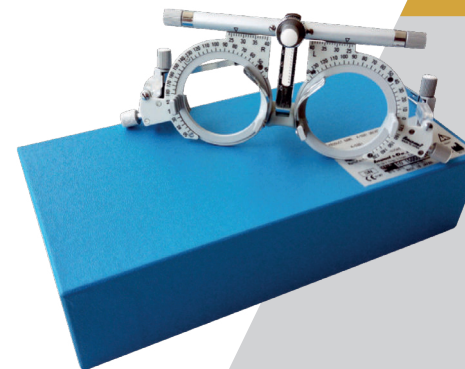
OV-1101/1102



- Titanium frame, durable and very light (weight 47gr.)
- PD of both eyes: 48~80mm
- Durable lens retention system and very easy to use
- Minimum graduated value: 1mm



K-0391



- Inami Universal Lightweight trial frames are designed by minimizing the frame weight, yet retaining high durability.
- Quick and easy adjustment of both PD and corneal alignment are obtainable.
- Distances of 52mm, 54mm, 56mm, 58mm, 60mm, 62mm, 64mm, 66mm, 68mm and 70mm are available.

ΠΕΡΙΜΕΤΡΑ

VISUAL FIELDS



PERISMART

R RODENSTOCK

- Up to 80 degrees horizontally, 40 degrees vertically
- Modern eye tracking
- LED technology
- Screening and fast threshold strategies for early Glaucoma detection
- White-on-white stimulus



PERISTAT / PERIMAT

R RODENSTOCK

- Kinetic & Static testing
- Embedded PC
- RGB bowl illumination
- Goldmann size stimuli III (0.43)
- Standardized drive test



SVF-9000 PRO & BASIC

NEW

MAIN
MEDITECH

- Static and kinetic perimeter
- Auto alignment of eye position & Auto controlled chinrest
- Integrated PC with LCD 14" capacitive touch screen
- Compliant with Goldmann I, II, III, IV, V Standards
- Voice guidance
- Monocular & Binocular report
- DICOM



SVF-7000

MAIN
MEDITECH

- Static perimeter
- Auto alignment of eye position & Auto controlled chinrest
- Integrated PC with LCD 14" capacitive touch screen
- Compliant with Goldmann III Standards
- Voice instruction
- Monocular & Binocular report
- Blind zone test
- DICOM



TopaScope



- 3D auto-tracking and auto-measurement with one touch
- IOP measurement by a soft air puff with no contact
- CCT measurement using Scheimpflug technology
- Pachymetry for IOP correction
- Excellent measurement repeatability
- Very user-friendly interface on 10.1" touch panel
- Internal patient database
- Built-in thermal printer with auto-cut function



SW-50 NCT

NEW SUOER

- Auto-Focus
- Measure Intraocular Pressure
- Air Puff technology with the optical non-contact method
- Integrated 24 hours IOP Trend Analysis System
- Fast & Comfortable measurement process
- No Cross-infection
- NEW Air puff speed Choice
- Measuring Scale: 30mmHg, 60mmHg
- Display: Large Colored LCD screen



7CR



- Patented bi-directional applanation
- Alignment is completely automated
- Measurement is non-contact so no anesthesia is required
- One-touch, triple measurement mode
- Internal printer simplifies record keeping



NCT-2000



- Fully automated device
- Soft and silent air puff
- Setting the calculation formula to your preferences.
- Cornea-thickness-related IOP correction
- Auto alignment & auto measurement
- High speed measurement



NCT-200



- New Generation DESIGN & STYLE
- Newly-developed smart puffing control system (S.P.C)
- Newly designed smart alignment & auto shot function
- Reliability Warning Display
- Convenient IOP correction function



TONOVERA (COMING SOON)



- More objective measurement with ActiView™.
- Intraocular pressure (IOP) readings
- Automatically measures when aligned
- Rechargeable, AA, or Both
- Base that stores and dispenses Ocu-Dot™ Tonometer Probes
- Bluetooth



SW - 500

SUOEP

- Measures accurately the low-degree lens below ± 0.12
- Measures accurately the colored lens with a degree of transparency of 10%
- Displays the pupil diameter
- Measures the pupil distance



TONOPEN AVIA



- Tono-Pen AVIA Quick-Tap® Measurement Mode
- Always ready-to-use and calibration-free
- Award-winning ergonomic design
- Long life battery



AP - 151 / AP - 111



- Goldman tonometer that is compatible with Haag Streit slit lamp
- Measuring range from 0 to 80 mmHg
- You will feel no difference neither on handling nor at accuracy of + 0.5 mmHg
- Standard prisms



TAT - 80R



- You will feel no difference neither on handling nor at accuracy.
- All Rodenstock tonometers are using standard measuring prisms.



SW-8800

SUOEP

The SW-8800 is a Non Mydriatic Fundus Camera.

- 10 MP CCD camera with LED flash
- Automatic eye tracking
- Fundus Image in 15 seconds
- 9 Fixation points
- Fluoroangiography (FA) (optional)
- Field of angle 45o x 45o
- Dicom
- Ability to connect to HDMI on any monitor



SW-88FC

NEW

SUOEP

- Fully Automatic
- Quick, Efficient & Affordable for all patients
- Built-in Monitor: 7.0-inch Color LCD Monitor
- Auto-Shoot
- High Quality Image
- Captures 45 Single Fundus Photography
- Focus Adjustment Range: -25 to +25D
- Artificial Intelligence Assisted

R RODENSTOCK

FUNDUSCOPE

The FundusScope captures high-resolution images of the retina with a focus on usability and patient comfort.

- 12-megapixel sensor and the LED flash captures high- resolution images.
- Field of view of 45° can be extended up to 80°
- Automatic eye tracking, autofocus and auto-shot.
- Built-in stitching module mosaic
- Image taking and reviewing is very user-friendly
- 10.1" touch panel



MAIN
MEDITECH

KESTREL 3100

Kestrel 3100 is a Non Mydriatic Automatic Fundus Camera with 12megapixel resolution camera.

- 50° Field of view
- Automatic Alignment & Focusing
- Minimum Pupil size of 2.8mm
- Near-Infrared Light Imaging Technology
- 9 position Mosaic function 135°
- Integrated computer with windows 10



MAIN
MEDITECH

RETICAM 3100 PRO

- FFA or FAF Fully automated fundus camera
- Minimum Pupil size of 3.3mm
- 50-degree field of view and 135-degree Mosaic function
- 24, 5 MP Image resolution for ultra-detailed fundus images.
- Real Red Free filter integrated (not software addition)
- Dicom 3.0



RETINAVUE 100 IMAGER



Portable Fundus Camera

- One third the cost of tabletop retinal cameras
- Touchless auto-focus and image capture support ease of use
- Image quality evaluation eliminates callbacks for re-imaging
- Integrated wireless capabilities enable work flow flexibility
- High Resolution 2048 x 1536 pixels with 45 degree field of view
- Fast non mydriatic imaging promotes patient comfort

KESTREL 300

NEW



Portable Fundus Camera

- Fully Automatic Portable Fundus Camera
- Easy to carry features & user friendly operation.
- Portability: Applies to any medical and health scene
- AI Intelligence: Self-service operation, artificial intelligence film reading.
- Fast: Complete a binocular examination in 30 seconds and provide immediate results.
- High Definition: Provides high definition images with 20 million pixels.

OV-101 HFC



Portable Fundus Camera

- 2MP Sensor
- 2MP Image Resolution
- 45° Auto Focus Portable Fundus Camera
- High Definition 1080p camera technology

LUNA



Portable Fundus Camera

- Auto/manual/real time auto focus
- Operators can capture good images after simple training.
- Super high definition
- Professional software
- Super large touch screen

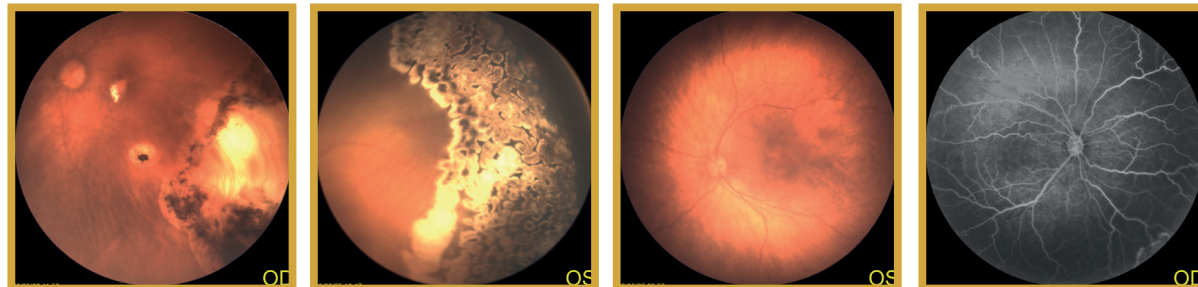


SW-8000 NEOCAM ROP

SUOEP

The SW-8000 is an Ophthalmic Wide Field Imaging System designed to diagnose ROP (retinopathy of prematurity). It is characterized by high central field resolution 30 lp / mm and led light source.

- Real WideField Image Range of 135-144 degrees
- Low power consumption-Whole system powered by USB 3.0 transmit images plug and play
- Unique Built-in FA Module in Probe
- 8 Megapixel Output Resolution
- Lightest Probe Worldwide (incl. cable 500gr.)
- Worldwide Smallest Objective Lens of 8.1mm
- Satellite Connectivity Software





APOLLO CSLO/CRO/CRO PLUS

New generation of laser light source. Integrated design more stable, simple, and durable.

Available models:

CSLO (NIR + RF + MCOLOR)

CRO (AF+NIR + RF+ FFA + MCOLOR)

CRO PLUS (FFA + ICGA + AF + RF + NIR + MCOLOR)

- SLO Confocal Ultra WideField Retinal Camera
- One-Click 150° WideField Image
- Non mydriatic (minimum pupil size as low as 1.5mm),
- Mosaic Function 2-in-1 which delivers 240° WideField Image
- Integrated Autonomous AI Software Recognizing 19 Pathologies
- Optical Zoom of 100° / 600° / 30° / 15°

Cone Cells and Blood Velocity measuring function(NEW)

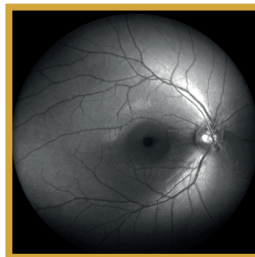
- Quantification of human retinal vessel and cone cells density, in vivo measurement
- First human retinal blood velocity @ cone cells measurement



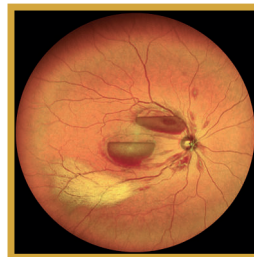
Auto Fluorescence (AF)



Red Free (RF)

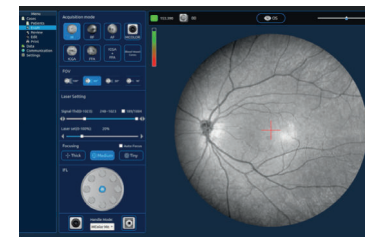


Infrared (NIR)

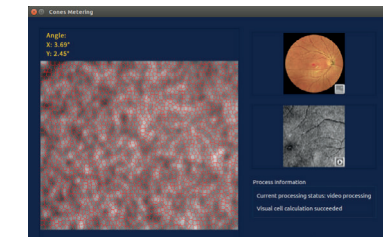


Laser multicolor image of fundus (Multicolor)

Blood Vessel



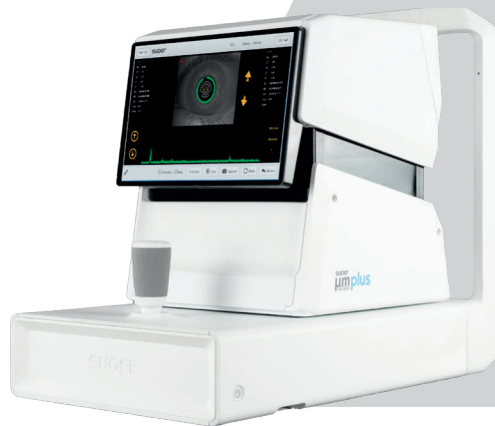
Cones Vessel





SW-9000plus

SUOER



- Advanced, innovative and fully automatic biometry
- Provides with one measurement, 8 results in under 2 seconds
- Accurate auto alignment, auto focus and auto shot functions
- Built-in computer with a 12" inch full HD touchscreen display
- DICOM 3.0
- Available with Integrated Jack Kane IOL Formula



Integrated Prof. Jack Kane Formula

KANE FORMULA		ABOUT CONSTANTS CONTACT	
Surgeon <input type="text"/>		Index 1.3375	
Patient <input type="text"/>		ID <input type="text"/>	
		Sex <input type="radio"/> M <input type="radio"/> F	
OD RIGHT	Non-toric Toric Keratoconus	OS LEFT	Non-toric Toric Keratoconus
A-Constant <input type="text"/> or IOL Type <input type="text"/>		A-Constant <input type="text"/> or IOL Type <input type="text"/>	
Target refraction 0 <input type="text"/> D		Target refraction 0 <input type="text"/> D	
AL <input type="text"/> mm (18.0 - 35.0 mm)		AL <input type="text"/> mm (18.0 - 35.0 mm)	
K1 <input type="text"/> D (30.0 - 65.0 D)		K1 <input type="text"/> D (30.0 - 65.0 D)	
K2 <input type="text"/> D (30.0 - 65.0 D)		K2 <input type="text"/> D (30.0 - 65.0 D)	
ACD <input type="text"/> mm (1.50 - 5.00 mm)		ACD <input type="text"/> mm (1.50 - 5.00 mm)	
Optional		Optional	
LT <input type="text"/> mm (2.50 - 8.00 mm)		LT <input type="text"/> mm (2.50 - 8.00 mm)	
CCT <input type="text"/> μm (350 - 650 μm)		CCT <input type="text"/> μm (350 - 650 μm)	
<input type="button" value="CALCULATE"/>		<input type="button" value="RESET"/>	



ZALIOTH

coming soon

- Functions: Axial Length, Corneal Thickness, Anterior Chamber Depth, Lens Thickness, Vitreous Cavity Length, Corneal Diameter, Pupil Diameter, Visual Axis Offset
- Shooting Methods: Fully Automatic, Semi-Automatic & Manual
- Measurement Principle: Swept Source Optical Coherence Measurement Technology
- Device Wavelength: 1060nm
- Measurement Method: Obtain All Data in One Measurement
- Eye Axis Length: 14-44mm
- Central Corneal Thickness: 200-1500pm

SW-9000+JACK KANE

SUOER



- Combination of an ultra-bright laser
- Allows 8 measurements to be taken with 1 scan.
- Fast measurement without contact
- Axial Length 12 - 34 mm
- Central corneal thickness 300 - 800 μm
- Corneal radii 4.8 - 11.1 mm
- Axis angle 0° - 180°
- Anterior chamber depth 1.5 - 6.0 mm
- Available with Integrated Jack Kane IOL Formula

SW-90

NEW

SUOER



Full Automatic Optical Biometer

- Enhance Patient Comfortability
- User Friendly Interface
- Auto-Alignment / Auto-Focus / Auto-Shot
- Non-Contact Measurements
- Fast Speed / 8 Measurements under 2s
- Advanced Measurement of Challenging Eyes
- Quickly Obtain Eye Axis Data

Integrated Prof. Jack Kane Formula

SW-9000CTS

NEW

SUOER



Optical Biometer & Corneal Topographer

- Auto-Alignment / Auto-Focus / Auto-Shot
- New Design / All in One Desing
- Fast, Accurate, Easy to Operate System
- Binocular Topographic Maps (Axial Curvature, Tangential Curvature, Altitude Map, Simulated Keratotomy and Corneal 3D Map)
- 24 ring High Precision Placido Disk
- Radial Measuring Diameter: 9.7mm (center is 43D)
- Artificial Intelligence Assisted

Integrated Prof. Jack Kane Formula

R RODENSTOCK

REM-4000

Specular Microscope

- Auto alignment + auto measurement
- Integrated non-contact Pachymetry
- Counts up to 300 cells
- 13 measurement areas
- Alternative L-count analysis
- Morphology and density diagrams



SUOER

SW-7000

Specular Microscope

- Fully automatic/robotic
- Highly advanced and user friendly instrument
- Accurate and fast measurements of the corneal endothelium surface
- Magnification: 65X±10%



Rexxam
SHIN-NIPPON

SPM-700

Specular Microscope

- Auto alignment + auto measurement
- Integrated non-contact Pachymetry
- Counts up to 300 cells
- Dark area analysis

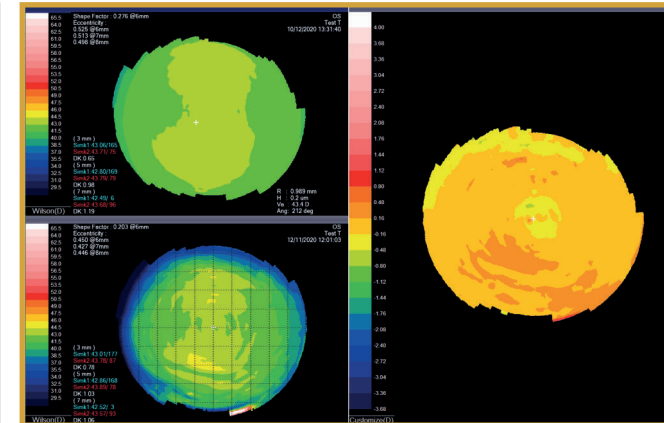




SW-6000

SUOER

- Measuring Mode: Placido Cone
- Coverage range of measurement: 10.91mm (diameter)
- Measuring range of Curvature radius: 5.5mm-10.0mm (33.75D-61.36D)
- Precision: $\pm 0.02\text{mm}$
- Placido Rings: 31 Rings



RET - 700

Rexxam
SHIN-NIPPON

- Auto Ref, Keratometer, Topographer, PC and database Auto Ref-Topographer
- Wide topo measurement range (0.4mm to 10.7mm(R8.0))
- A variety of analysis functions (Current map, Multiple map, Dual case, Difference map, Aberration etc.)
- Database
- Maximum 6 images are captured continuously
- Scotopic & Photopic Pupil Diameter Measurement
- Wide screen and electric chinrest



CXT-3000

R RODENSTOCK

- Measuring Mode: Placido Cone
- Coverage range of measurement: 10.91mm (diameter)
- Measuring range of Curvature radius: 5.5mm-10.0mm (33.75D-61.36D)
- Precision: $\pm 0.02\text{mm}$
- Placido Rings: 31 Rings



SW - 21 DELTA SCAN

- Modular, innovative and high quality ultrasound instrument
- Any kind of ultrasound option combination
- Highest accuracy among the competition based on the 1024 scanning lines
- Accompanied with touch screen 14" laptop
- B SCAN: Frequency 10MHz, Magnetic driven, noiseless
- A SCAN: Frequency 10MHz, with LED
- Full Scale UBM: Frequency 50MHz
- Display Mode: B,B+B,B+A,A
- Available with Integrated Jack Kane IOL Formula

SUOEF

Integrated Prof. Jack Kane Formula

KANE FORMULA ABOUT CONSTANTS CONTACT

Surgeon Index 1.3375

Patient ID Sex M F

OD RIGHT

Non-toric Toric Keratoconus

A-Constant or IOL Type

Target refraction 0 D

AL mm (18.0 - 35.0 mm)

K1 D (30.0 - 65.0 D)

K2 D (30.0 - 65.0 D)

ACD mm (1.50 - 5.00 mm)

Option: LT mm (2.50 - 8.00 mm)

CCT μm (350 - 650 μm)

OS LEFT

Non-toric Toric Keratoconus

A-Constant or IOL Type

Target refraction 0 D

AL mm (18.0 - 35.0 mm)

K1 D (30.0 - 65.0 D)

K2 D (30.0 - 65.0 D)

ACD mm (1.50 - 5.00 mm)

Option: LT mm (2.50 - 8.00 mm)

CCT μm (350 - 650 μm)

SW-1000 A/P/AP

SUOEF



- A scan probe: 10MHz import small size probe, built-in luminotron
- P scan is designed for detecting thickness of cornea with 20MHz
- Measuring range: 15mm – 40mm
- Measurement precision: ±0.05mm; with macula lutea trace function
- Measurement: Anterior chamber depth, lens thickness, vitreous body length, total length and average
- Method of measurement: immersion and contact

IPAC PACHYMETER



- Most feature-rich handheld pachymeter
- Bluetooth® Connectivity
- One Button Control
- Rotating Color LCD
- Rechargeable Battery
- Ergonomic Design
- Accurate central corneal thickness measurement



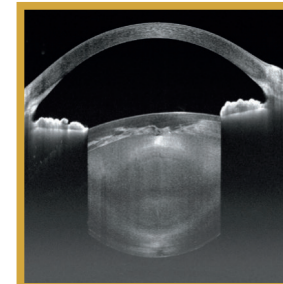
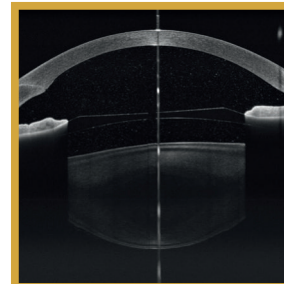
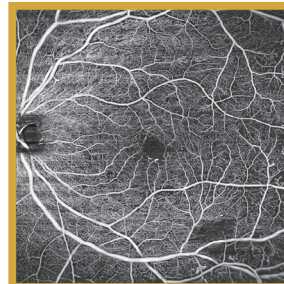
NEW 100KHz Full Range SS-OCT

YALKAID

NEW

The fast evolution of the OCT technology is driven by "seeing better, seeing deeper and seeing faster". Yalkaid solutions for SS-OCT include dedicated software. Yalkaid SS-OCT solutions optimize your complete SS-OCT system by enhancing image clarity and quality.

- Full Automatic Yalkaid (YG-100K) features new generation SS-OCT at speed of 100KHz.
- Advantage of full range SS technology allows scan depth at 6mm for vitreous, retina, choroid and extraordinary 14mm for anterior.
- 3.8 microns optical resolution ensures detail observation of anterior and posterior structures.
- 1060nm wavelength helps with scanning for patients with cataract and vitreous opacities, while avoids distraction of fixation due to its invisible character.
- 16mm line and 12mm 3D/OCTA scans cover more area than traditional SD or SS OCTs.
- OCTA Montage: auto or manual
- Resolution Axial: 3.8 microns (optical)
- Resolution Lateral: 10 microns (optical)





NEW 400KHz Full Range SS-OCTA

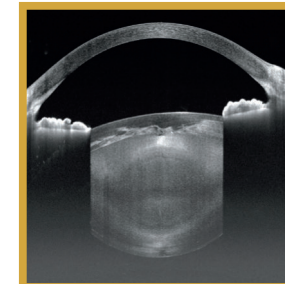
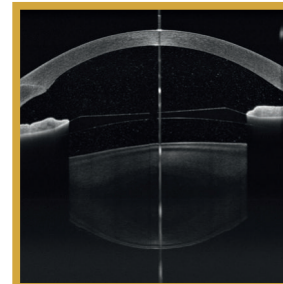
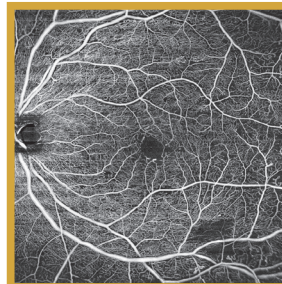
BMIZAR

NEW



BMizar features the most powerful OCT "engine" in the industry, 400KHz swept source.

- AI Anterior & Posterior Angiography Module
- 1.4µm Digital Analysis & 3.8µm Optical
- Eye Tracking Speed 128Hz
- Full Range Wide-Field 24mm
- With exceptional optic design
- The experience of OCT Angiography is pushed to an unprecedented level.
- High-definition structure and blood vessels of retina, choroid and anterior, covers extremely large area in a blink of scan (24mm width OCTA in 15 seconds).
- A game changer of clinical practices for diseases like DR, RVO, RAO, etc.
- Plus, huge dioptric adaptive range brings all types of OCT/OCTA with no need of additional lenses.





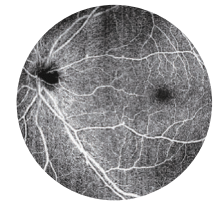
MOCEAN 4000 + VASCAN ADVANCED

MOCEAN QUALITY SPECIFICATIONS

- SLO / Real time tomography
- High image capture speed 80.000 A / Scans
- Real time Eye tracking (reliable follow up)
- Posterior & Anterior Segment (module inclusive)
- Full software for diagnostic examinations
- Upgrade in Angiography (OMAG)
- 5µm optical resolution / 2.4µm digital res.
- Expansion of the OCT hardware (Modular)
- 3 years warranty & technical support



Wide-field OCTA scan



7 Layer Segmentation



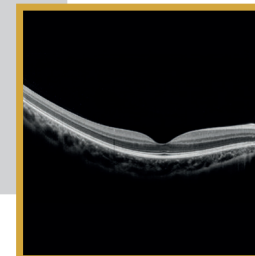
MOCEAN 3000

Mocean 3000/3000 Plus is an intelligent SD-OCT and Line Scanning Ophthalmoscope (LSO) combined system with informative outputs, remarkable user interface, exquisite design and reliable quality.

- Optical source: Super luminescent diode (SLD), 840 nm
- 36,000 A-scans/s scanning speed
- 12mm wide scan for posterior segment
- High quality real-time SLO
- Axial resolution (optical): 5 microns (optical), 2.7 microns (digital)
- Eye tracker based on SLO retinal imaging
- Deep Choroidal Imaging (DCI) mode reveals more details of the choroid
- Comprehensive software analysis for retina, glaucoma and cornea



HD OCT and SLO imaging:
During the scan, the system acquires up to 50 SLO images as well as 50 OCT images, then automatically generates high definition images using image averaging algorithm, which can effectively reduce speckle noise without compromising detail.



SLO-based retinal tracking:
Eye tracking system uses Scanning Laser Ophthalmoscope (SLO) as a reference to minimize the involuntary eye movement during the image acquisition.

1st
World's
Portable
SD-OCT

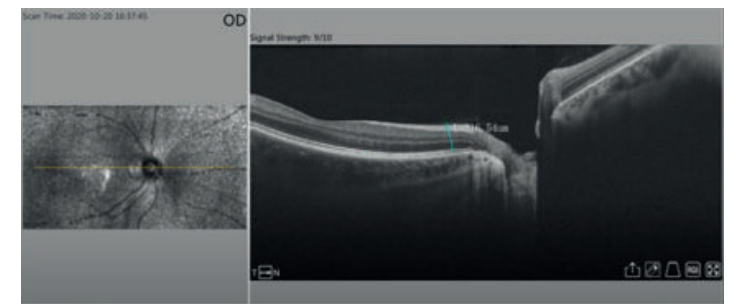
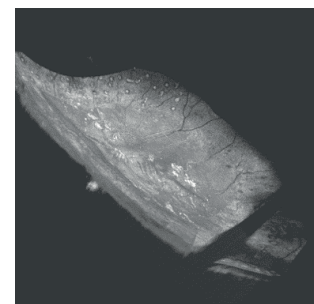
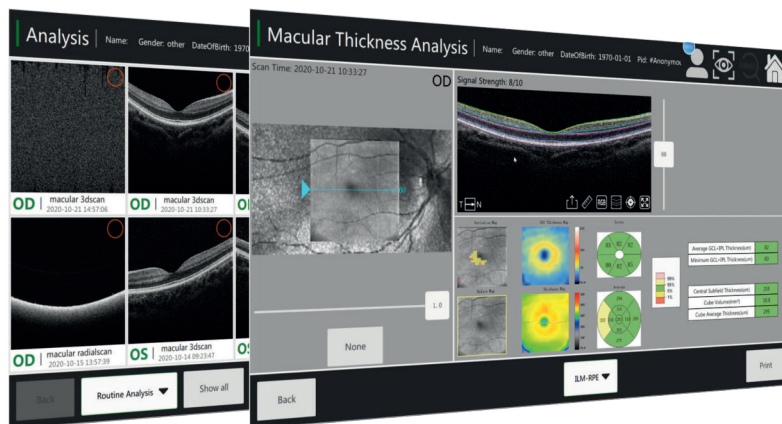


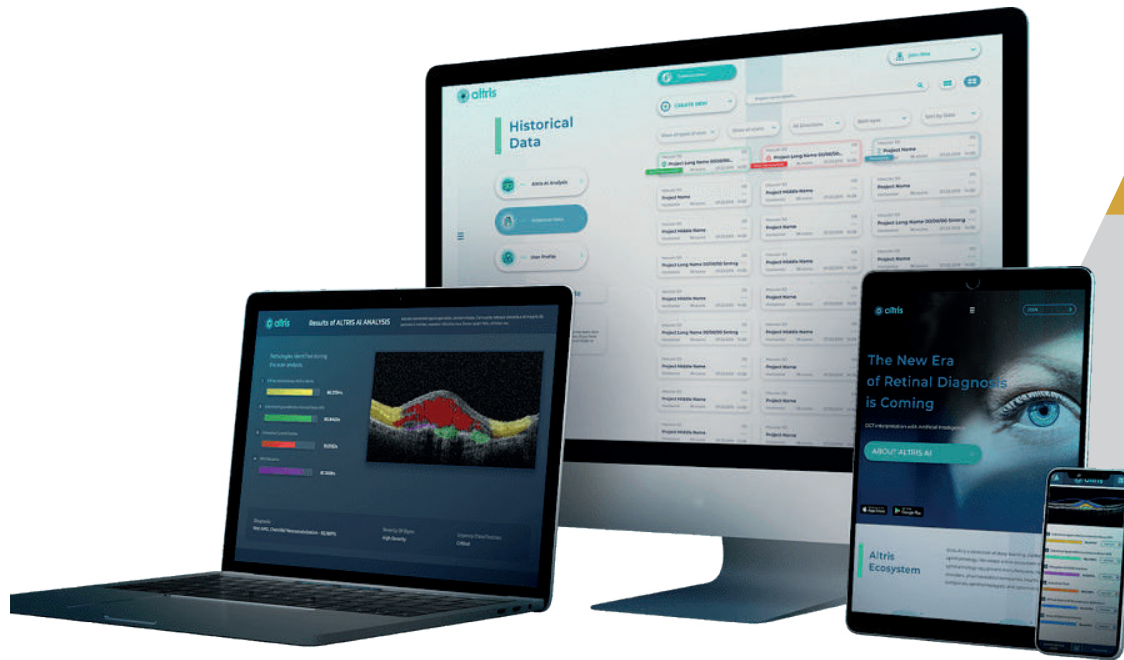
RETIVIEW X09 PORTABLE OCT

NEW

Hand-held RetiView X09 OCT is cost-effective and compact, which will allow more patients to benefit from this technology through point-of-care diagnostics and tele-ophthalmology. Hand-held OCT makes it easier to examine children and infants. It can be used everywhere, including in the operating theater. This makes it very easy to perform a scan, on both adults and children. Hand-held OCT can be used with lenses to acquire images of the anterior and posterior segment. Furthermore, it is a prognostic tool, which can help predict future visual acuity, as well as a tool for surgical planning.

- Cost Effective & Compact
- Portable & Easy to Use OCT System
- Spectral Domain OCT
- Optical Resolution 6µm
- Scan Depth: ≥2.5mm
- Up to 40.000 A-Scan/Sec
- Scan Modes: 3D,HD,Raster,Circle,Radial
- OCT Light source: 840nm (SLD)





AI OCT DIAGNOSIS

NEW

- AI-powered, standalone, browser-based software for OCT scan interpretation. Unique ophthalmic image management system powered by AI.
- 3 core modules: Screening, Analysis, and Reporting.
- Works with all popular OCT equipment and all data storage formats

- Automating the selection of pathological OCT scans and the detection of 54 pathological signs and 49 pathologies.
- Faster examinations & detect minor, early, rare pathologies when analyzing complex OCT scans
- 91% of cumulative AI accuracy.
- Fully GDPR compliant





appsmart
OPHTHALMO

DATA MANAGEMENT SOFTWARE/EMR

NEW

Launched in 2013, Appsmart Ophthalmology EMR is the most widely used software solution for the digital transformation of an ophthalmology clinic. More than 650 ophthalmologists from over 120 ophthalmology clinics in Romania use the Appsmart Ophthalmology software solution. Developed and tailored for ophthalmology clinics, Appsmart provides efficient workflows throughout the patient's visit - from arrival in the reception to the delivery of medical and fiscal documents.



Medical appointments module:

- Scheduling and calendar (patients / doctors / offices)
- Aggregated medical history in the patient file
- Import investigations results automatically in the medical report
- Investigations result files sorted by equipment type available in the patient medical record
- Intraocular pressure evolution graph
- Anterior and posterior pole lesions drawings
- Treatment plans according to diagnosis
- Printing medical reports, glasses prescriptions, drug prescriptions, etc.
- Financial management and integration with fiscal devices

+120
Ophthalmology Clinics

+140
Optic shops

+650
Ophthalmologists

+2000
Users

Operating room module:

- Scheduling and calendar (patients / doctors / operating room)
- Import data from the pre op consultation directly in the surgery medical report
- Specific medical report for refractive surgery
- Specific medical report for crystalline implant surgery
- Specific medical report for retinal surgery
- Specific medical report for strabismus surgery
- Specific medical report for other surgeries
- Printing surgery medical reports, discharge notes, post-operative recommendations etc.
- Management of receipts and payment balances



Q – LAS (ND: YAG LASER)

**A.R.C.
LASER**

- Outstanding focusing with the three part laser beam
- Combination with Trabeculas / Classic
- Laser beam and slit illumination are coaxial



COBRA

**A.R.C.
LASER**

SLT-YAG LASER

- SLT is a laser therapy of open-angle glaucoma (OAG)
- Well known treatment for open angle glaucoma (OAG)
- Designed for the anterior segment
- Highest repetition rate thanks to our Rapid Procedure Rapid-Trigger-Mode (RTM)
- Optional head-up-display
- No high voltage inside - no UV-light on the cavity
- < 2 % deviation: Highest pulse-to-pulse stability for REPRODUCIBLE RESULTS



CITO 532

**A.R.C.
LASER**

SLT LASER

- High-Class optics included – ideal for anterior and posterior segment viewing
- Promotes cellular regeneration of trabecular meshwork
- Repeatable laser treatment



CLASSIC ARGON 514/KTP 532

**A.R.C.
LASER**

- Neutral colored eye protection filter
- Hand triggering possible
- Battery operation possible
- LIO – Laser Indirect Ophthalmoscope



VARIO(YAG+SLT)



- Multiple applications in one slit lamp
- Small footprint
- Coaxial Laser with TriSpot Focus
- Simply move the laser slide to create a standard slit lamp



FOX (DIODE LASER)



- Power Calibration at Fiber Distal Tip
- Green Aiming Beam
- Video Touch Screen
- Intuitive Handling
- Rapid Amortization



AMOGH PULSE - 532 nm



- Monospot GREEN Laser
- Light weight and portable
- LCD touch screen display with mounting option on table and also on the console
- LED illuminated foot switch, on/off switch & fiber connecting port



JERICO - 532 nm



- Multispot GREEN Laser
- High speed Galvanometers
- 635 nm semiconductor diode laser
- Advanced optics in integrated laser slit lamp
- Wide range of pulse duration from 10ms-50ms
- Console with LCD touch screen display
- Shorter laser sessions



DIGITAL DUET

- Gold Standard of Glaucoma treatment to the Next Level
- The first and only digital SLT-YAG platform provides a comprehensive digital and imaging solution
 - High Definition camera and advanced image optimization
 - Smart-V: titratable on-axis/off-axis illumination for increased visualization during capsulotomy and iridotomy and illumination of vitreous opacities
 - 12inch touch screen, "smart-phone" experience and export to USB, Network and EMR
 - Dedicated button to take images during the treatment
 - Super-Gaussian Beam Profile
 - Superior Optics with Maximum Accuracy



DIGITAL TRIO

- Glaucoma and Retina treatments to the Next Level
- Reimagines laser therapy with the first digital dual path SLT-YAG platform on the market.
 - Adds a state-of-the-art retinal care Smart532 photocoagulator to the digital dual path SLT-YAG system
 - Smart532 green photocoagulator with SmartPlus subthreshold technology
 - Ensuring maximal efficacy with minimal collateral damage.
 - Super-Gaussian Beam Profile
 - Superior Optics with Maximum Accuracy



AVAILABLE:
Smart V Technology



90 D

Primary Application – General Diagnosis and Small Pupil Examinations

- Original 90D lens started the slit lamp fundus examination revolution
- Small diameter ring is ideal for dynamic funduscopy



Super 66

- Enables 3D discernment of subtle macular and optic disc detail
- 1.0x magnification simplifies optic disc measurement



3 Mirror

Primary Application – Viewing and Treatment Anterior Chamber and Central and Peripheral Fundus

- Viewing mirrors are accurately angled to eliminate gaps in the visualized fundus
- Flattest mirror surfaces minimize image distortion



Super Field NC

Primary Application – Wide Field, Pan Retinal Examination

- 'Super 90D'. Same magnification with a wider field of view
- Increased working distance compared to competitive fundus lenses



SUPER QUAD 160

Primary Application – Extreme Wide Field Examination and Laser Treatment

- Wide field views for complete retinal imaging out to the ora serrata
- Excellent PRP and other laser treatment capabilities to the far peripheral retina



CAPSULOTOMY

- Patented double aspheric glass optics provide enhanced imaging
- Delivers precise focused laser beam placement at the capsular bag
- LASER WINDOW® protects imaging element from contamination ensuring precise laser spot placement



MAG PLUS IRIDECTOMY

- Larger offset viewing area delivers superior clarity and resolution with larger laser spot size
- Shallow LASER WINDOW® curves reduce astigmatic
- LASER WINDOW® protects imaging element from contamination ensuring precise laser spot placement



BLUMENTHAL

- Unique tip allows visualization of deep-seated sutures
- Tip provides a high magnification view of the suture structures
- Unique tip alleviates compressive force on the ocular surface
- Ideal for efficient suturelysis procedures



78 D CLEAR

- Ideal balance of magnification and field of view
- Optimally designed for use within range of motion of all slit lamps



20 D LARGE CLEAR

- Balance of magnification and field of view for general diagnosis
- Perfectly corrected for field curvature, astigmatism, aberrations and coma

optohellas



78 D

- Perfect for general diagnosis & laser treatment
- Double aspheric glass optics for fundus imaging
- Corrected for field curvature, astigmatism, aberrations & coma

optohellas



20 D

- Patented double aspheric glass optics providing enhanced imaging.
- High magnification for excellent views of optic disc and macula
- Corrected for field curvature, astigmatism, aberrations & coma

optohellas



90 D

- Perfect for general diagnosis & pupil examinations
- Double aspheric glass optics for enhanced retina imaging



DIGITAL CLEAR FIELD



- Primary Application – Highest resolution
Pan Retinal Examination
- Great for small pupils
- Upgrade for your 20D / Pan Retinal® 2.2



DIGITAL WIDE FIELD



- Digital Wide Field allows crystal clear views spanning from the central retina to the peripheral retina
- This lens provides 40% more field of view while maintaining the same
- The superior optical coating and high index glass ensure bright, distortion free imaging.
- Field of View 103° / 124°

WORLD'S FASTEST EXCIMER LASER 1100HZ

Manufactured by **opto**hellas

EYEΦΟΣ.Ε



Excimer Laser

The Microscan Visum by Opto Hellas has the highest repletion rate excimer laser in the world, delivering at a 1100Hz rate. The innovative and advanced laser system of the Microscan Visum has lowered the treatment time to only 1s per diopter. When combined with its Super Gauss beam energy profile, it assures safe and precise operations that result in tissue saving and fast patient recovery times.

The system's Customized Ablation Profile that focus on creating specialized beam energy profiles for complicated refraction errors and its Standard Ablation Profile for Refraction, Presbyopia and Advanced PTK, allow the user to have to choose and customize for each of his patients a unique and dedicated beam profile, to ensure effective and high end results.

Through its state-of-art Eye Tracking System, the system remains ultrastable on the pupil center and limbal ring center of the patient's eye and continues to monitor its position (x,y,z axis monitoring) to assure the highest precision during each treatment.



**NEW LENTEX Procedure
- Lenticule Extraction -**



Femto Laser + Lenticule Extraction

The Femto Visum by Opto Hellas is a highly advanced femtosecond laser system that has been designed in cooperation with international KOLs in refractive surgery, making it once of the most innovative, efficient and reliable laser systems that can deliver results of the highest quality under the most demanding applications in modern corneal surgery, such as Femtolasik, Keratoplasty, Tunnel, Pocket, Incisions and Lentex Lenticule Extraction.

The system's laser creates flaps without leaving any tissue bridges, as its high repetition nanojoules at megahertz rate, low energy femtosecond laser source and advanced beam scanning features, deliver precise low pulses in small focal spots easily creating detachable flaps leaving behind a smooth cut surface with minimal roughness.

The atraumatic quartz patient interface ensures higher precision and better flap thickness uniformity than plastic interfaces. They come in multiple sizes and focus on securing the eye hold in position to deliver the most secure treatment results.

Manufactured by **optohellas**



FEMTO VISUM 1MHz



The Femto Visum by Opto Systems is one of the most innovative, efficient and reliable laser systems that can deliver results of the highest quality under the most demanding applications in modern corneal surgery, such as Femtolasik, Keratoplasty, Lentex, Tunnel, Pocket and Incisions.

The system's laser creates flaps without leaving any tissue bridges, as its high repetition nanojoules at megahertz rate, low energy femtosecond laser source and advanced beam scanning features, leaving behind a smooth cut surface with minimal roughness.

The atraumatic quartz patient interface ensures higher precision and better flap thickness uniformity than plastic interfaces.



MICROSCAN VISUM 1100Hz



The Microscan Visum by Opto Systems has the highest repetition rate excimer laser in the world, delivering at a 1100Hz rate. When combined with its Super Gauss beam energy profile, it assures safe and precise operations that result in tissue saving and fast patient recovery times.

The system's Customized Ablation Profile that focus on creating specialized beam energy profiles for complicated refraction errors and allow the user to have to choose and customize for each of his patients a unique and dedicated beam profile, to ensure effective and high end results.

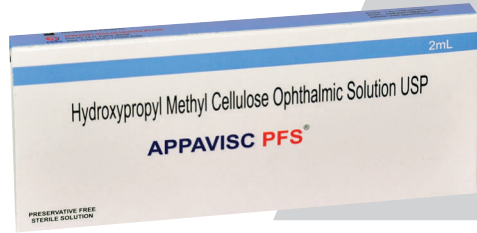
Through its state-of-art Eye Tracking System, the system remains ultrastable on the pupil center and limbal ring center of the patient's eye and continues to monitor its position (x,y,z axis monitoring) to assure the highest precision during each treatment.

CLS 5000



ΕΝΔΟΦΑΚΟΙ & ΧΕΙΡΟΥΡΓΙΚΑ ΑΝΑΛΩΣΙΜΑ

APPAVISC PFS (2ML, 3ML)



Appavisc is a viscoelastic solution of optimum viscosity. It contains highly purified grade of HPMC 2% w/v. It is clear isotonic sterile, non-inflammatory used as a lubricant and protector in IOL surgery.

MIO-CHOL 1M



Carbachol Ophthalmic Solution USP 0.01% w/v, USP 0.01% w/v is a sterile solution of Carbachol in aqueous medium. The active ingredient is represented by the Chemical name: Ethanaminium, 2-[[aminocarbonyl]oxy]-N,N,N-trimethyl-, chloride and molecular weight is 182.65.

IOLS & SURGICAL CONSUMABLES

COHEVISC 1.0/1.4/1.8



Cohesive Ophthalmic Solution (Sodium Hyaluronate 1.0, 1.4 & 1.8) is a cohesive high quality viscoelastic formulation. It has high molecular weight, high pseudoplasticity, and high surface tension. Facilitates IOL implantation can be easily removed.

RHEX-ID /1ML



Rhex ID (Trypan Blue sterile solution preservative free) 0.8 mg is a sterile solution of Trypan Blue solution. Is a selective tissue staining agent for use as a medical aid in ophthalmic surgery. Each mL of Rhex ID (Trypan Blue solution) sterile solution contains not more than 0.8 mg of Trypan Blue and 8.2 mg of Sodium Chloride in a aqueous buffered.

ΤΕΧΝΗΤΟΣ ΚΕΡΑΤΟΕΙΔΗΣ

ACORNEA MECHANISM

This product as the substitute of a cornea, can be used in the treatment of several cornea traumas. It can be grafted to replace the impaired tissue of Bowman's membrane.



BIO-ENGINEERED CORNEA TRANSPLANT



New
Acellular Corneal Stroma
from the extracellular matrix
of the porcine cornea.

ACELLULAR CORNEAL STROMA

Good biocompatibility: This product is drawn from the biological cornea. Biocompatible material is superior to the traditional heterogeneous artificial cornea.



PANOPTIC

Our revolutionary PanOptic Ophthalmoscope addresses the fundamental challenge in ophthalmoscopy – to get a good view of the fundus in order to make a sufficient assessment.

- 5X larger view
- Sure Color™ LED lamp or with Halogen HPX® lamp
- Digitally capture, store, and share
- Compatible with all Welch Allyn 3.5 V power sources



AAIO WIRELESS INDIRECT

Ophthalmoscope

- Light-weight and compact
- Long battery life
- Color filters
- Flexible optics
- Efficient workflow



ELITE

Retinoscope

Enhanced light output makes refractions easier than ever, by producing one of the sharpest, brightest and cleanest streaks available on the market. Discover unparalleled performance in a compact design with convenient, user-friendly features.



3.5 V COAXIAL

Ophthalmoscope

The patented Welch Allyn Coaxial Vision System facilitates ophthalmoscopy by enabling easier entry into the eye, a larger field of view, and reduced glare compared to standard ophthalmoscopes.

- Sure Color™ LED lamp or with Halogen HPX® lamp
- Detect corneal abrasions with the cobalt blue filter
- Compatible with all existing Welch Allyn 3.5 V power sources



POCKETSCOPE

Ophthalmoscope

Halogen light for true tissue color and consistent, long-lasting illumination 48 focusing lenses for better resolution.





BETA 200

Retinoscope

- Synchronized convergence and parallax adjustment system
- LED HQ
- Ultra light
- For any pupil size



OMEGA 600 INDIRECT

Ophthalmoscope

- Up to 20 % better view of the retina in patients with cataracts
- The lightest indirect ophthalmoscope
- Best 3D imaging due to our unique Stereoscopic Adjustment Technology
- Best wearing comfort
- Apertures: HEINE Diffusor, small, medium and large spot
- Filters: yellow (for light-sensitive patients), red-free and blue



OMEGA 500 INDIRECT

Ophthalmoscope

- LED – or XHL – Technology
- Unique synchronized adjustment
- Dustproof
- LED HQ
- Synchronized convergence and parallax adjustment system



SIGMA 250 INDIRECT

Ophthalmoscope

- Synchronized convergence and parallax adjustment system
- LED HQ
- Ultra light
- For any pupil size



ECO LINE

SUOER

SW-800



- Measures both eyes simultaneously
- Detect vision issues for patients' ages 3 months through adults
- 8 different binocular measurement within 2 seconds
- Binocular refractive detection
- Automatic detection
- 5 inch touch screen
- Work distance 1m
- Wi-Fi data transfer



SUOER

SW-500



- Measures accurately the low-degree lens below ± 0.12
- Measures accurately the colored lens with a degree of transparency of 10%
- Displays the pupil diameter
- Measures the pupil distance

CUSTOM FOAM CASE



VISION

OV-101 HFC



- Resolution Ratio of Image: 1920 1080
- High definition and stable Image due to the 10 x magnification
- LCD Screen: 3.5 inch TFT Colored Screen
- USB Connection to Computer
- Storage: Micro SD card. Maximum to 32G
- Battery Power: Li-on rechargeable Battery 3.6V/3400mAh
- Forehead Adjustment Range: ≥ 10 mm
- Objective lens: 0.42
- Filter Red Free, Cobalt blue, Heat Absorption, No filter

VISION

OV-101 HSL



- Adopts converging stereoscopic microscope
- Excellent optical system with clear and sharp image for users
- The 14mm aperture is very fit for eye prechecking & corneal foreign objects examination
- 6V20W Halogen lamp with strong and stable lighting. LED optional
- Adjustable angle from 0 to 180o
- Heat absorption filter, ND, Red free, and Cobalt blue filters are provided.

appsmart
OPHTHALMO

DATA PATIENT MANAGEMENT SOFTWARE



ADVANCE LINE

SUOER

SW-800



- Measures both eyes simultaneously
- Detect vision issues for patients' ages 3 months through adults
- 8 different binocular measurement within 2 seconds
- Binocular refractive detection
- Automatic detection
- 5 inch touch screen
- Work distance 1m
- Wi-Fi data transfer



Reichert
TECHNOLOGIES

TONOPEN AVIA



- Tono-Pen AVIA Quick-Tap® Measurement Mode
- Always ready-to-use and calibration-free
- Award-winning ergonomic design
- Long life battery

CUSTOM FOAM CASE



MICRO
CLEAR

HYPERION



- High definition imaging
- Real-time focus system: Cloud service system
- 10x Magnification
- Super light and convenient: weight 850g
- Multi data transfer and storage system
- Easy operation and high definition imaging

MICRO
CLEAR

LUNA



- Auto/manual/real time auto focus
- Operators can capture good images after simple training.
- Super high definition
- Professional software
- Super large touch screen

appsmart
OPHTHALMO

DATA PATIENT MANAGEMENT SOFTWARE





AIM



AIM, Anterior Imaging Module is the mean to digitize your slit lamp, aid patient education & data management on PACS. AIM will work as it has simple, universal design with any slit lamp that has more than 3 steps of magnification. Each AIM comes integrated with Remidio Connect, Remidio's cloud-based patient data management system.



MRD



MRD, Microscope Recording Device, available broadcast for educational purpose and video sharing to a desktop local storage wirelessly and seamlessly using Remidio Share.

- Wireless data transfer and live broadcast.
- Maximum video resolution: 4K at 60fps
- Camera resolution: 12 MP
- AI based denoising
- Focal adjustment: Automatic/Manual



DCS-700



- USB 3.0 SuperSpeed data transfer
- 5Mega pixel CMOS camera
- User-friendly filigng software
- Multi image or full screen display



L-0541 DC-5



MRD, Microscope Recording Device, available broadcast for educational purpose and video sharing to a desktop local storage wirelessly and seamlessly using Remidio Share.

- Wireless data transfer and live broadcast.
- Maximum video resolution: 4K at 60fps
- Camera resolution: 12 MP
- AI based denoising
- Focal adjustment: Automatic/Manual

KXL

avedro

The First True Breakthrough in Corneal Cross-Linking.

- Accelerated Cross-Linking with pulsed or continuous wave illumination
- The highest power available, up to 45 mW/cm²
- Superior top hat beam profile, precise depth of focus



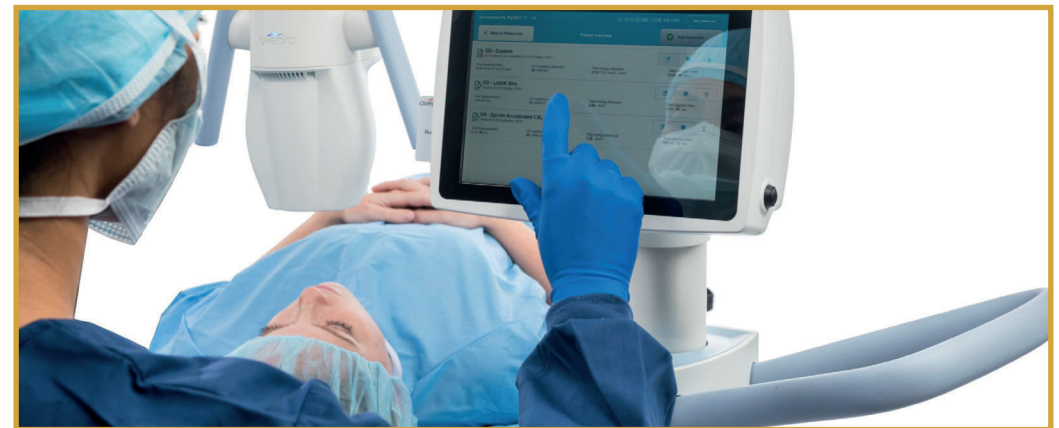
VIBEX XTRA

avedro

VibeX Xtra is applied directly to the stromal bed prior to replacing the flap following excimer laser ablation. Formulated in an isotonic solution, VibeX Xtra diffuses quickly to minimize flap exposure time and deliver the appropriate concentration of riboflavin for cross-linking.



iLink[®]
CROSS-LINKING PROCEDURE



MEDIO CROSS

avedro

Avedro's scientifically developed MedioCROSS formulations ensure rapid diffusion and individual, sterile applications for corneal cross-linking procedures.

- MedioCROSS M (0.1% Riboflavin, 1.1% HPMC)
- MedioCROSS D (0.1% Riboflavin, 20% Dextran)
- MedioCROSS H (0.1% Riboflavin, Hypotonic)



PARACEL TRANS-EP. KIT

avedro

ParaCel™ is Avedro's two-step trans-epithelial riboflavin specifically formulated for direct application on the intact epithelium. ParaCel's higher concentration of riboflavin and proprietary formulation allow for fast penetration and diffusion into the corneal stroma.



VIBEX RAPID

avedro

VibeX Rapid™ riboflavin is formulated to improve diffusion rates while decreasing corneal thinning. VibeX Rapid has a diffusion rate of twice that of standard riboflavin and is topically applied to the cornea after epithelium removal.



iSTENT INJECT

Featuring a wide flange at its base, the new precision-engineered iStent inject® W is designed to optimize stent visualization and placement, enhance procedural predictability and increase confidence.

- Evolving design
- Advancing predictability
- Wide flange at the base
- Redesigned insertion system optimizes control



iPRISM S

Is the recommended gonioscopic lens for iStent® Trabecular Micro-Bypass procedures. A single-use, sterile device that is conveniently packaged and ready to use. There is no need for cleaning, sterilization or disinfection. Just dispose of the iPrism S after the procedure.

- Expanded incision access
- Wide angle lens
- Unique concave lens geometry
- Anti-reflective technology
- Lightweight, low-profile design



iPRISM® OA (Open Access)

Unique Open Access design allows for added clearance between the iStent inserter and the gonioscopic lens for easier iStent placement.





OPTILIGHT

NEW

THE FIRST AND ONLY IPL FDA APPROVED FOR DRY EYE MANAGEMENT

- Only IPL, FDA-approved for management of dry eye disease
- Optimal Pulse Technology (OPT™)
- Patented OPT® & Ergonomic IPL Handpieces
- Personalized Experience for Maximum Safety and Comfort
- Targeted, precise and controlled treatment
- Elevate Patient Care
- Spectrum: 400-1200 nm
- Pulse Characteristic: Multiple Sequential Pulsing





OPTICLEAR XL

NEW

OptiClearXL

Dry Eye Solution & Aesthetic Module

IPL Treatment

- Dedicated system for ophthalmologists and optometrists
- Clinically proven technology
- Safe & effective
- Long-term results

Aesthetic Module

- Reduction of pigmented lesions
- Reduction of vascular lesions
- Therapy acne

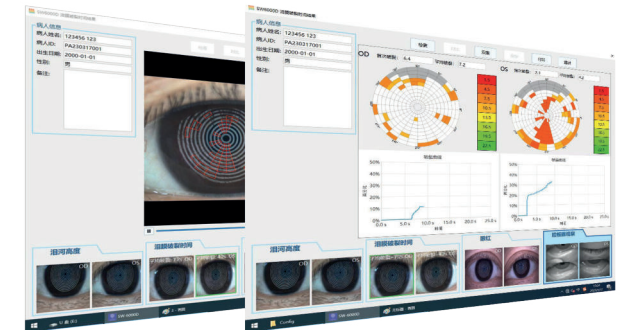


SW-6000D

NEW

SUOER

- Include NIKBUT measurement, NIKTMI, Meibonian gland imaging, lipid layer analysis, analysis redness.
- Measurement Method: Placido disk
- Placido ring number 22rings
- Measuring points 22000 points
- Detecting points on the ring 1000points
- Radial measuring diameter 9.7mm (center is 43D)

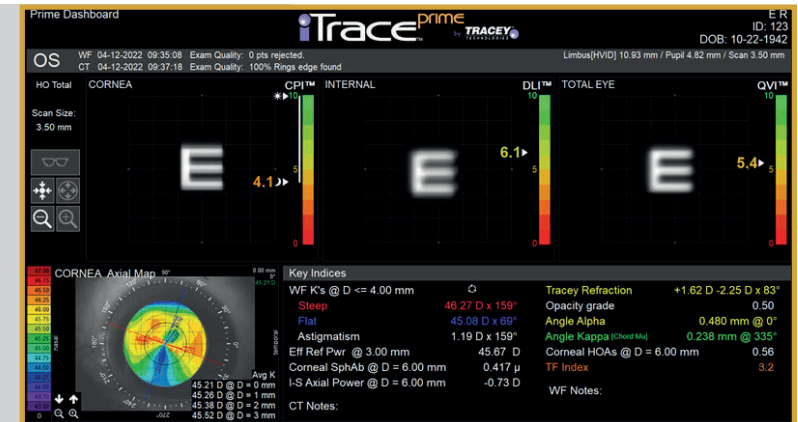




iTRACE

Tracey iTrace, 5-in-1 device displays the full visual function of a patient's eye with a simple scan. It can certainly be used as a standalone wavefront aberrometer, autorefractor, keratometer, pupillometer, or corneal topographer, leveraging the combined picture of these individual measurements in your office can improve surgical outcomes and patient satisfaction.

- Ray Tracing technology for highly accurate wavefront and refractive analysis
- Binocular and Monocular open field fixation eliminates patient accommodation
- Auto-identify potential patient visual complaints
- Selectable Multi-zone refractions





DIGITAL NAVIGATION MICROSCOPE coming soon

- Smooth integrated intelligent bracket design and electric non-contact fundus observation system
- High-end digital navigation microscope achieves easy switching between anterior and posterior segment surgeries.
- Intraoperative SS-OCT module with data projection system
- All-built-in binocular 4K3D HD camera, bringing unparalleled precise intraoperative OCT navigation



STELLA

- Stand: Robust, vibration free stand on cross base with four lockable castors
- Observation tubes: 0-210° Binocular tilt able head F=140 mm configured with double beam splitter
- Eyepieces: WF 10x / 18mm with eye guards
- Built-in-Filters: Flip in/out blue blocking (yellow), Green & Blue filter
- Magnification Range: 2.80X-17.50X
- Optional accessories: Assistant binocular attachment, Proline range of camera adapters, Smart phone adapters



PRIMA OPH



- Binocular Tube: Inclined, f = 170mm focal length
- Eyepiece: WF 10x / 16mm with eye guards
- Built-in-Filters: Green & Blue
- X-Y 82 AXIS



OMT - 500



- Outstanding optics with excellent depth of view
- True Coaxial illumination
- Long-lasting LED lightsource
- Lens integrated Video Camera
- Apochromatic Objective



EYEFORCE



OPERATION TABLE

- The e-drive electric push aid make movement of the chair effortlessly
- The electronically controlled braking system with "Steering Guide" enables precise maneuvering
- Ergonomically shaped, fold-down push handles are easy on the staff's wrists
- No repositioning of the patient is necessary due to the Surface Extension System "SES"
- Intuitive hand-held control with five memory positions and an auto-run function
- Four fully rotatable double castors for easy and back-friendly pushing
- Easy charging of the device with charging adapter and charging socket integrated



500 XLE COMFORT



OPERATION TABLE

- The design of the treatment chair allows the patient to enter comfortably
- Excellent driving characteristics due to precise steel chassis and four double castors
- Removable armrests with integrated push handles for uncomplicated maneuvering and repositioning of the patient
- Ergonomic & comfortable lying surface that can be individually adjusted to the patient
- Clearly designed handheld control for easy patient positioning
- Pull-out component holder for quick and effortless attachment of additional components



500 ECO



- The special design of the treatment chair allows the patient to enter comfortably
- Direct power connection and integrated power supply unit for continuous operation of the treatment chair
- Eight freely programmable memory positions for comfortable and ergonomic patient positioning at the touch of a button
- Safe working thanks to the robust stand with mono lifting column
- The thick padding makes it particularly comfortable to lie on, even during longer procedures
- Fast positioning of the patient in five to six seconds
- Optimal access in the head area thanks to mechanical adjustment of the head section
- Ergonomic operation possible in sitting and standing position
- Flattened back panel for optimum legroom



SURGI TREND

- Special stability, customizability and mobility
- Additional 5th wheel for highest tipping stability
- Intuitive functionalities that create optimal working conditions
- Independent accumulator box with emergency stop button for safe and flexible operation
- Stable armrest that can be moved all around
- Space saving chassis
- Ergonomically shaped seat and comfortable backrest

UFSK
INTERNATIONAL

SYS



SURGIFORCE LIGHT

- Highly concentrated and precise manner, allowing easy access to the treatment field
- An ergonomic sitting posture.
- Back-friendly work for the surgeon
- The surgiForce light protects you from the physical stresses of everyday surgery
- Premium design that offers you high-quality technology and materials

UFSK
INTERNATIONAL

SYS



ASSIST LINE

- High grade comfortable and easy care upholstery fabric to meet even the most stringent hygiene requirements.
- The unique dynamic seating system supports correct sitting postures while protecting your back
- Sterile and comfortable height adjustment via foot gas pressure spring

UFSK
INTERNATIONAL

SYS



ASSIST PRO

- Ergonomically shaped seat and backrest to support the correct, back-friendly sitting posture
- Lordosis support with individually adjustable height and angle adjustment for protection of the lumbar region
- Easy-to-clean, durable seat cover made of medical-grade imitation leather for the highest hygiene requirements in the OR (optionally with antistatic upholstery)
- High-grade 5-arm aluminium pedestal
- Excellent handling characteristics thanks to smooth-running double castors
- Optionally available with braking double castors
- Supports loads up to 130 kilograms

UFSK
INTERNATIONAL

SYS

HYDROPHOBIC



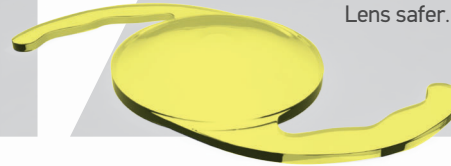
Supra Phob

- Yields excellent stability, so that even after the shrinkage of the Capsular Bag, the IOL remains well centered
- 360° Square Edge technology makes SupraPhob PCO free
- The UV blocking Chromophores of SupraPhob protects the retina from UV lights
- Individually tested for high MTF which increases the accuracy & the quality of every IOL to its best



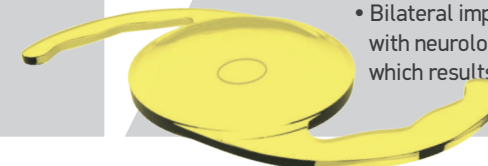
Supra Phob BBY

- SupraPhob BBY is a hydrophobic yellow intraocular lens made of premium quality Biocompatible Acrylic material.
- Fabricated by the State of the Art of the Technology machine with Froze-tumble polish.
- Uncomplicated Preloaded system of SupraPhob Lens is easy and enjoyable feel to implant the hydrophobic Acrylic Lens safer.



Supra Phob Infocus

- Crystal clear distance and acceptable near and intermediate vision improves the functional visual ability because of EDOF (Extended depth of Focus)
- Unique single Zone Optic Design facilitates "Enhanced Contrast Sensitivity" with true Multifocality effect thus, reduces Glare and Halos
- Absence of Multiple Zone enhances excellent fundus visibility
- Bilateral implantation cohesively works with neurological adaptation of the brain which results in better vision



Supra Phob Regen

The Negative Asphericity provided in Regen affords better visual quality than any other Spherical IOL

Ultraviolet filtering chromophores for better protection of retina from UV light

The unique anterior diffractive design reduces the halos and yields superior vision

Owing to the superior quality of the hydrophobic material, the posterior capsule securely adheres to the rear surface of the lens. The anterior placement of diffractive optics protects optical properties from YAG laser



Supra Phob Toric

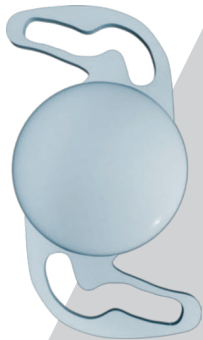
- The non-touch preloaded system makes IOL implantation simple
- Each curvature on the Toric has an Aspherical Design
- Markings are made on the anterior surface corresponding to the flat meridian of the lens
- Each marking is made by the diamond tool at 4.5 mm of the optic for easy viewing and positioning
- Ultraviolet Filtering Chromophores for better protection of Retina from UV light
- State of the art technology of SupraphobToric makes sure that its optical performance is equal to that of a natural, young, crystalline lens
- The BLUE BLOCKING YELLOW feature prevents ARMD



HYDROPHILIC



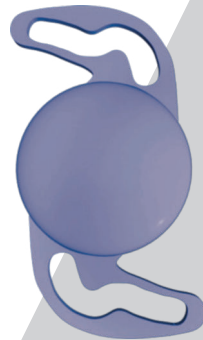
Acryfold



- Equi-Biconvex and special Haptic design with slots prevents post-operative complications such as buckling or anteroposterior movement of the lens
- Because of post-operative stability, this design performs well in centration and in refraction accuracy
- The Square Edge design of these Models reduces PCO and the Haptics are relatively stiffer to withstand the forces of capsule contraction
- High power lenses (upto +34D) may be injected through an unenlarged wound size of 3.0 mm diameter
- The Multi Focal Lenses (Model MF 705 and MF 605) will have an additional 4.5D for near vision



nAspro



- Improved Optical Efficiency
- Reduced Higher Order Aberrations
- Excellent Quality of Vision under all light conditions
- Square Edge Prevents PCO
- Increased Contrast Sensitivity
- Increased Functional Vision
- Easy Injecting System



nAspro BBY



- Nature: Copolymer of Hydroxy Ethyl Methacrylate and Methyl Methacrylate
- UV Blocker: AEHB
- Water Content: 26% at 20° C
- Refractive Index: 1.458 HYDRATED at 20° C
- Refractive Index: 1.457 HYDRATED at 35° C
- Optical Transmission: >95%
- Density 1.18g/cm HYDRATED
- Tensile Strength: 56.86 kg/cm
- Elasticity: 279%
- Sterilization: Moist Heat Sterilization



Multi Diff

- Diffractive-Refractive Square Edged Multifocal IOL
- Has +3.5D additional power to separate the near and distant images, thus making them distinctive
- The central zone is of 5.0 mm diameter, has 20 diffractive zones. The remaining Peripheral 1.0 mm portion of the lens has the refractive zone
- The step height gradually declines towards the periphery
- The light is evenly distributed between all focal points (near, intermediate & distant) resulting in a crystal clear vision from all distance
- Aspheric Optics & innovative Diffractive-Refractive design enable high contrast under all light conditions.



Refractive Implantable Lens



- Refractive Implantable Lens (RIL) is a single piece Foldable phakic IOL.
- Made of Bio-compatible Acrylic Hydrophilic (26%) material to ensure long term performance
- Excellent Positional Stability
- Peripheral Iridectomy required for all the patients for better aqueous flow
- RIL - vault within a range of 400µ to 700µ
- Four Peripheral Holes for aqueous humour flow
- High Patient Comfort & Satisfaction

E-1000

Takubomatic



MULTIFUNCTIONAL PATTERNLESS LENS EDGER

- Multiple Language
- Available lens (CR39, Mineral Glass, Polycarbonate, Trivex and Hi-Index lens)
- Touch Panel Screen
- Fine Grooving
- Slippery Coat Edging & High Curved Lens Mode (S-Coat Mode)
- Frame Exchange Edging & Re-Edging Mode
- Shape Modification of Read-in Data
- Built-in 60 jobs Memory (40 jobs rotating tracedata memory + 20 jobs permanent memory)
- Self Lens-Trace Mode
- Easy Update of software program

ALE-1600



PATTERNLESS LENS EDGER

- The scan data can be saved when power down and can store 500 template data
- Precision, no-parallax optical scanner, optical center meter, with fast scanning speed, low failure rate.
- Combined Scanner with Center meter as one
- With high precision and no-parallax optical scanners.

LE-3.0

i-Optik



PATTERNLESS EDGER

- HD touch screen
- Fast access to edging jobs
- Memory for maximum 500 shapes
- Intelligent Edging Algorithm
- Excellent Processing Program
- Accurate axial position
- Optical Tracing & Fast Blocking

E-950

Takubomatic



MULTI-AXIS LENS EDGER

- Multiple Language
- Available lens (CR39, Mineral Glass, Polycarbonate)
- Clear LCD Screen with Touch-Panel.
- Accurate 3D Sensor system.
- Grooving with step by step function.
- Easy Shape Modification as you like
- Adoption of the wide-oblong chucks and cups.



DM-1000

Takubomatic

AUTOMATIC CNC DRILL

- Operation by Clear LCD Screen.
- Holes, slot and notch.
- Various sizes of drill-bits from 0.8mm
- DM-1000 works in conjunction with E1000 Lens Edger.
- DM-1000 works as a Stand-alone unit without E1000 Lens Edger.



FD-80

Takubomatic

FRAME SCANNER

- Asymmetric Frames can be scanned by both-eye measurement.
- The most simple and easy setting of Frame and Lens Tracing Attachment.
- Unnecessary to exchange Frame Tracer and Lens Tracer.
- Soft and Stable Lens Holding.
- 200 job data storable with bar-code reader. Bar-code reader is option



ST-1200 PLUS

Supore

- | | |
|-----------------------------|-----------------------|
| Dimensions | 246mm x 255mm x 452mm |
| Lens Template | L<70mm & W<70mm |
| Power | <50W |
| ADD adjustment range | 6mm |
| Screen tilt angle | 0-130 |
| Max storage | 500 sets |
| 7inch Touch Screen | |



LS-82

Takubomatic

LENS BLOCKER

- Displays clear image of the eyeshape exactly in the same scale. For single vision, bifocal or multifocal lenses etc...
- When you layout Right lens, screen displays the transferred Left lens data by R-L switch.
- Accurately layout setting by "BOX" system.
- Easy blocking cross marking can lead you perfect finishing.
- Bar-code interface is available.



optohellas προσφέρει πρόγραμμα εγγύησης 4 ετών για όλα τα προϊόντα που παρουσιάζονται στον προϊοντικό μας κατάλογο.

1^ο και 2^ο Έτος

Για τα δύο (2) πρώτα χρόνια του προγράμματος εγγύησης, η Opto Hellas καλύπτει πλήρως όλα τα έξοδα εξυπηρέτησης και ανταλλακτικών των παρουσιαζόμενων μηχανημάτων.

3ο και 4ο Έτος

Για τον 3ο και 4ο χρόνο του προγράμματος εγγύησης, η Opto Hellas καλύπτει πλήρως όλα τα έξοδα σέρβις και ο πελάτης επιβαρύνεται μόνο με το κόστος των ανταλλακτικών, σε περίπτωση που χρειαστεί.

- ✓ **Επέκταση εγγύησης με χαμηλό κόστος σε 5 ή 6 χρόνια.**
- ✓ **Ανταλλακτικό μηχανήμα εφ' όρου ζωής σε περίπτωση βλάβης.**
- ✓ **opto finance**
- ✓ **Χρηματοδοτικό εργαλείο αγοράς εξοπλισμού**
- ✓ **Διαφήμιση & Marketing Ιατρείου**

Ενημερωθείτε περισσότερο για το πρόγραμμα εγγύησης, επικοινωνώντας στο info@optohellas.com

ΟΙ ΕΓΚΑΤΑΣΤΑΣΕΙΣ ΜΑΣ

Οι εγκαταστάσεις αποτελούνται από showrooms, media rooms (green rooms), τα γραφεία του προσωπικού και φυσικά από χώρους συνδιάσκεψης και meetings rooms.

Κεντρικά Γραφεία – Κατερίνη



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