

OPHTHALMIC

Product Guide

Special Advertising Section



Dear Doctor,

Review of Ophthalmology is pleased to offer you this preview of many exciting new products now available in the ophthalmic marketplace. Here, you'll learn about innovative new medications, diagnostic instruments, corrective lens options, in-office laboratory equipment and many other products. There are two ways to obtain more information on a particular product:

1. Go to www.reviewofophthalmology.com, click Supplements, Product Guide digital edition, and then follow the prompts.
2. Circle the corresponding number on the enclosed reader service card for each product of interest. Fill in your name and address, and return the postage-paid card to us. Educational materials will be sent directly to you by the individual companies. Thank you for your interest and support!

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MEGA-3 FORTIFIES THE LIPID LAYER WHEN MGD PATIENTS SUFFER FROM DRY EYE.

Its blend of natural oils protects tears from evaporating while nourishing the tear film.



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Keeler 40H Goes Digital

The Q series 40H Digital and Digital Ready Slit Lamp comes with many additional features over and above the 40H K series Slit Lamps. As well as benefiting from the combined integrated camera and beam splitter (optional for the Digital Ready version), additional Slit Lamp features include a background illuminator, auxiliary diffuser, blue filter and camera and review control buttons mounted on the dashboard area. Add our Kapture Software Packages. Kapture Lite is a stand-alone system including still capture with live preview, patient data base, image processing, import and export, much more.



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Tea Tree Oil:

- Anti-bacterial, anti-microbial, anti-fungal

Coconut Oil:

- Anti-inflammatory, anti-bacterial, anti-microbial, anti-fungal

Blephadex™ uses a preservative-free, all-natural patented formula of tea tree oil and coconut oil specifically designed for Blepharitis, MGD, Demodex and Dry Eye without any harmful chemicals or burning sensation. You're complete in office and at home treatment.



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WHERE LIFE IMPROVES

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AMNIOTIC EXTRACELLULAR MATRIX **Circle No. 4**

BioDOPTIX®

BioDOptix® is a dehydrated, extracellular membrane allograft derived from human amniotic tissue that is intended for use as a scaffold for ocular tissue repair.

Convenience

For use in inpatient, outpatient or clinic settings.

Performance

Easy to apply and conforms well to the anterior ocular surface. Placement generally does not require sutures or glue.

Available

Circular or rectangular sizes are provided for appropriate fit.

BioD, LLC
1-877-675-4149
bioDlogics.com

BioD is now part of Integra Lifesciences



Requesting product information is now fast and easy! Go to www.reviewofophthalmology.com, click Supplements, Product Guide digital edition and follow the prompts to request product information.

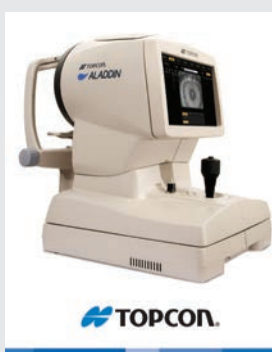
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Product Guide

TOPCON ALADDIN BIOMETER / TOPOGRAPHER

The 9-in-1 Aladdin is a multi-functional instrument that combines a series of measurements to assist eye surgeons in the accurate calculation of IOL power. The built-in full Placido topography system offers all the additional diagnostic capabilities of any stand-alone topographer. New features of the Aladdin HW3.0 include Crystalline Lens Thickness, Central Corneal Thickness, ACD measured by Interferometry, Onboard Barrett IOL Calculation Suite, and Abulafia-Koch Regression Formula for Toric IOL.

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Topcon Medical Systems ▲ (800) 223-1130
newsgram.topconmedical.com/aladdintl

TOPCON CA-800 CORNEAL ANALYZER

The CA-800 Corneal Analyzer from Topcon gives you all the tools you need to accurately evaluate the anterior corneal surface. It features a Placido based corneal topographer that analyzes over 100,000 data points as well as meibomian gland imaging, dynamic pupillometry, tear film breakup, contact lens fitting and fluorescein video imaging. And, all this in an easy-to-use platform with an innovative 10.1" touch screen display.

Circle No. 6



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newsgram.topconmedical.com/ca800

TOPCON KR-1W WAVERONT ANALYZER

The 5-in-1 KR-1W Wavefront Analyzer from Topcon combines wavefront aberration, corneal topography, auto-refraction, keratometry, and pupillometry all in one unit! The system is extremely easy to operate, featuring auto alignment and measurement, a large color touch screen, and invisible light measurement for added patient comfort. The onboard evaluation software with multiple map displays provides valuable pre- and post-op data for cataract and refractive procedures. The system is fully networkable in various configurations.

Circle No. 7



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www.topconmedical.com/products/kr1w.htm

TOPCON CV-5000S VISION TESTER

The CV-5000S Automated Vision Tester sets new quality standards. The fast lens rotation provides comfort for both user and patient while the compact and contemporary design enhances the doctor's professional image. The CV-5000S provides a complete 21-point refraction and features the KB-50S One Dial Controller with a 10.4" color touch-screen display. Complete connectivity allows data to be sent automatically to every CV system throughout the office and populated automatically into the EMR, making paperless refraction a reality. Now available with built-in M&S chart software!

Circle No. 8



Topcon Medical Systems ▲ (800) 223-1130
www.topconmedical.com/products/cv5000s.htm

TOPCON TRC-NW400 NON-MYDRIATIC RETINAL CAMERA

The Topcon TRC-NW400 is a fully automated, easy-to-use, non-mydratic retinal camera that is designed to obtain high-resolution color images of the retina and the anterior segment of the human eye. It is equipped with automatic focusing and capture and a fully automated mechanism that moves the optical head from one eye to the other without operator intervention. The TRC-NW400 features a large 10" color touch screen and 9 internal fixation targets for wide-angle compositions of the retina. The TRC-NW400 can be used as a stand-alone unit or in conjunction with a remote server or EMR system. It is DICOM compliant and also available with the optional Topcon IMAGEnet® 5 digital imaging software.

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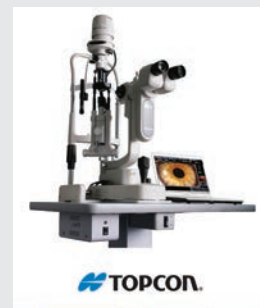


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newsgram.topconmedical.com/trcnw400

TOPCON SL-D701 SLIT LAMP

The new SL-D701 Slit Lamp from Topcon features a bright and homogenous LED illumination source for enhanced observation of the eye structures. With its optional DC-4 Digital Photo Attachment, the SL-D701 can obtain clear and sharp still images of the eye as well as vivid color videos with remarkable resolution and detail. Basic EZ Capture software is provided with the DC-4 attachment. To further enhance the imaging results, the SL-D701 also features an optional BG-5 LED Background Illuminator that provides homogeneous adjustable illumination to the photographed areas of the anterior segment of the eye and allows for Meibomian gland observation and documentation.

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INVIEW - IPHONE BIO EXAM



- Leverage the power and convenience of the Apple iPhone with the trusted quality of Volk optics.
- Quickly & effortlessly capture fundus images for visualization & patient education.
- Mydriatic retina camera using an iPhone (SE/6s/6/5s) or iPod Touch (6).
- 50° static field of view; out to 80° with dynamic maneuvering.
- Free mobile application available in the Apple App Store (search Volk iNview)

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Volk Optical ▲ (800)-345-8655
www.volk.com/inview

VOLK PICTOR PLUS — PORTABLE OPHTHALMIC IMAGER

> From the exam room, to on-location screenings, nursing home calls, and everywhere in between, the Pictor Plus portable imager moves with your practice & makes it possible to expand your services.

- Improves Patient Care
- Simple Integration
- Maximum Portability
- Superior Versatility
- Pays for Itself

> Available imaging modules for the retina and the anterior segment
> New module available for portable Fluorescein Angiography



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- Trusted Quality of Volk Optics
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- Pure Convenience – No More Reprocessing
- Available lenses:
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 - SLT Laser
 - Capsulotomy & Iridotomy
 - Surgical 20D & 28D BIO
 - Surgical Vitrectomy (6 varieties)

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DIGITAL SERIES SLIT LAMP LENSES

Volk's Digital Series lenses are the highest performance optics in the world. Superior in every way, they replace & outperform the classics (90D, 78D & 60D).



Digital Wide Field

- The ultimate 90D lens - 35° wider FOV than a standard 90D
- Widest field slit lamp lens available anywhere
- Excellent through a small pupil



Digital High Mag

- 55D lens with highest magnification of any slit lamp lens available anywhere
- Achieves highest resolution image of the posterior pole; great for glaucoma & AMD exam
- Superior stereopsis; identify fluid in front of the macula
- Replaces your 78D & 60D in one lens

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Why settle for standard definition? Get HD with Volk Digital Series Lenses.

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TOPCON PASCAL® SYNTHESIS™ PATTERN SCANNING LASER WITH ENDPOINT MANAGEMENT™

The Topcon PASCAL® Pattern Scanning Laser Systems are renowned for their precision, ease of use and enhanced patient comfort. The PASCAL® method of photocoagulation allows physicians to control the precision, safety and efficiency of the laser procedure, while optimizing patient comfort and convenience. Topcon offers the PASCAL® Synthesis™ Series, Topcon's premiere dual-port pattern scanning retinal laser, available in both 532nm and 577nm wavelengths. The optional Endpoint Management™ software with Landmark Patterns™ allows for less-damaging sub-threshold treatment of a variety of retinal disorders.

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TOPCON SYNERGY OPHTHALMIC DATA MANAGEMENT SYSTEM

The Synergy Ophthalmic Data Management System integrates images and reports from Topcon and over 130 other manufacturers' systems into a single, secure, digital environment. With the ability to view, compare, annotate and transmit patient images seamlessly and securely, Synergy provides for fluent workflow efficiency and facilitates the transition to a paperless environment. The web-based system allows for rapid access to patient information, anytime, from virtually anywhere, including workstations and remote computers. Designed as a scalable and flexible solution, Synergy integrates with most EMR's, is fully standards compliant and scalable to fit any size practice.

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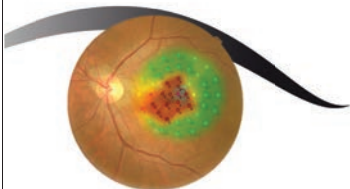
Product Guide



MP-3 MICROPERIMETER

FUNDUS CAMERA + VISUAL FIELD

- LIVE EYE PERIMETRY
- 12MP FUNDUS CAMERA
- WIDE MEASUREMENT RANGE



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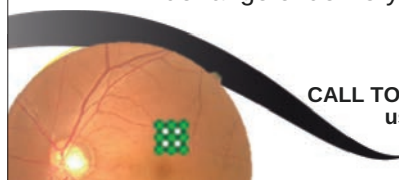
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February 15, 2017



PATTERN SCAN GREEN LASER PHOTOCOAGULATOR

GYC-500 Vixi

- 22 preprogrammed scan patterns for various retinal pathologies
- Stable and reliable solid state green laser
- Wide range of delivery options



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Circle No. 18 17-0022
April 6, 2017

Ocular Response Analyzer® G3

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Corneal Hysteresis: The Vital Glaucoma Risk Factor

Make a more confident glaucoma risk assessment, with Corneal Hysteresis.

Ocular Response Analyzer® is the only device that measures Corneal Hysteresis, a superior predictor of glaucoma progression. Corneal Hysteresis has consistently shown to be predictive of, or strongly associated with, glaucoma progression, and more powerfully so, than key indicators such as IOP and CCT.

CPT® Code 92145 for Corneal Hysteresis

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Tono-Pen® and Ocu-Film®

Trusted Handheld Tonometry

Reichert® Tono-Pen® is the standard for handheld applanation tonometers, trusted by clinicians for over 30 years.

The advanced Tono-Pen AVIA® tonometer requires no daily calibration and is always ready-to-use. The ergonomic design and dual-sided displays make it ideal for left or right handed use. Tono-Pen is less sensitive to corneal centration, ensuring fast and accurate IOP measurements with minimal training.

Protect your Tono-Pen and patients with genuine, FDA cleared Reichert® Ocu-Film® + Tip Covers.

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Reichert® 7CR and Reichert® 7

Non-contact Tonometers

The most advanced and the easiest to use.

In 1972, Reichert invented the non-contact tonometer (NCT), and after 45 years continues to offer the most accurate, trusted, and complete line of NCTs.

From the effortless one-button simplicity of Reichert® 7 to the clinically advanced Reichert® 7CR, which provides Corneal Compensated IOP (IOPcc), Reichert has a non-contact tonometer that suits your needs.

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Handheld Pachymeter.

Intuitive, inspired pachymetry.

Reichert® iPac® is the most feature-rich handheld pachymeter available. It offers Bluetooth® wireless connectivity, one-button navigation, a rotating color LCD screen, and a rechargeable lithium-ion battery.

iPac is backed by an industry-leading three-year warranty.

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Product Guide

Phoroptor® VRx

Digital Refraction System

The most advanced Phoroptor® ever.
Made in USA with only premium components.

Featuring the thinnest, most compact design, incredibly fast lens exchanges, motorized prisms, split cylinder lenses, and ultra-quiet operation, **Phoroptor® VRx** sets new standards in refraction. The ergonomic keypad features a multi-function control knob with unmatched feel and versatility, while the intuitive touch-screen interface has all the pre-programmed and programmable tests you'll need.

Phoroptor VRx boasts effortless integration with EMR systems, and unlike other digital refraction systems, is compatible with a comprehensive list of pre-test and acuity devices from both Reichert® and other leading manufacturers.

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ClearChart® 4

Digital Acuity Systems

Pixel-perfect and purpose-built.

The all-new family of ClearChart® Digital Acuity Systems are elegant, all-in-one, simple-to-use, and uniquely designed to meet all of your acuity testing needs with a wide selection of optotypes, and other special test charts.

The **ClearChart 4** Digital Acuity System, **ClearChart 4X** Enhanced Digital Acuity System, and **ClearChart 4P** Polarized Digital Acuity System all feature a new 24 inch, high resolution, LED backlit display that are lightweight, cool running and long-lasting. The intuitive user interface provides the best user experience of any digital acuity chart.

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Circle No. 24



LensChek™ Pro and LensChek™ Plus

Digital Lensometers

Circle No. 25

The elements of refraction. Combining technology, simplicity, and value.

The all-new **LensChek™ Pro** Digital Lensometer® with PD+UV and **LensChek™ Plus** Digital Lensometer® combine technology with simplicity at the core of your exam.

The new, compact, modern design and intuitive user interface offers the easiest lensmeter user experience available. For example, when the target is aligned with the correct optical center, readings can be automatically "locked-in" ensuring fast, repeatable, and reliable lens measurement. Both devices feature a brilliant 5.7 inch color LCD display.

LensChek Pro additionally features UV transmittance and PD measurement.



OptoChek™ Plus

Auto Refractor + Keratometer

The elements of refraction. Combining technology, simplicity, and value.

The all-new **OptoChek™ Plus** Auto Refractor + Keratometer, combines technology with simplicity at the core of your exam. The compact, modern design, and intuitive user interface of the OptoChek Plus offers the easiest user experience available for measuring objective spherical and cylindrical refractive errors as well as keratometry.

An innovative reliability index gives you confidence in obtained readings. Scotopic Pupil Size and Photopic Pupil Size modes adjust illumination to accommodate different lighting conditions. OptoChek Plus features a brilliant 5.7 inch color, touch LCD display, data output options, and a measurement range of Sphere: -30 D to +22 D, Cylinder: 0 D to ±10 D, Axis: 0° to 180°.

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VisionChek™

Digital Exam Suite

The elements of refraction, featuring SightChek™ Digital Phoroptor®.

The all-new Reichert® **VisionChek™** Digital Exam Suite combines technology, simplicity, and value at the core of your exam, from the brand you've come to rely on most in refraction – Reichert! VisionChek includes all the options to get an entire digital exam lane up and running.

VisionChek Digital Exam Suite features:

SightChek™ Digital Phoroptor®

AcuityChek™ Digital Acuity Chart

OptoChek™ Plus Auto Refractor + Keratometer

LensChek™ Plus Digital Lensometer®

LensChek™ Pro Digital Lensometer® with PD + UV

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Ultramatic RX Master™ Phoroptor®

Since 1921, the unmistakable feel of quality.

The original and world's finest refracting instrument. Phoroptor continues to be the industry standard after more than 90 years, offering its renowned mechanical quality and craftsmanship, optical quality, accuracy, and reliability.

Reichert **Ultramatic RX Master Phoroptor** and **Ultramatic RX Master Illuminated Phoroptor** are the only refracting instruments completely designed and manufactured in the United States. Each Phoroptor is made of 1,000 pieces, assembled by hand in our Buffalo, New York factory.

Ultramatic RX Master Illuminated Phoroptor features a patented, maintenance-free, cool-running, energy-efficient LED design.

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Product Guide

STEREO OPTICAL

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STEREOTESTS



Gold Standard

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- Randot®
- Stereo Butterfly
- Random Dot E
- Randot® Preschool
- Distance Randot® Stereotest

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- Digital corneal reflection pupillometer — precise and digital PD measurements.
- Original Ishihara Color Test color perception test for red-green color deficiencies, 14 plates.

* We also offer Trial Frames and a Large Trial Lenses Box containing 260 lenses, 22 mm aperture.

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- No training necessary
- Lightweight
- L.E.D lighting system
- Visual acuity testing, color and depth perception
- Monocular and binocular at near, distant, and intermediate

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OPTEC® PLUS SMART VISION SCREENER



Pretesting to save valuable time in the exam room

- Comprehensive library of tests
- Easy-to-use interface
- Randomized tests and customizable protocols
- Auto-mode to allow for self-administration
- Digital recording of results

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Identifying subtle changes in pathology.

ZEISS CIRRUS™ HD-OCT



- Anterior Segment Premier Module
- PanoMap™ Widefield Report
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- *En Face* Clinical Presets

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Advancing SMART OCT
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Streamlining clinic flow.

ZEISS Humphrey® Field Analyzer 3



- Reduce setup time
- Improve confidence in test results
- Accelerate clinic workflow
- Simplify operation

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The best just got better.
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AKR 550 AUTO KERATO-REFRACTOMETER

> Outstanding refractive measurement with quick and simple operation

- High-accuracy measurement on even small pupils
- Guided alignment that automatically starts measurement when pupil is focused
- Pupil size measurement in scotopic and photopic light conditions
- Screen tilts and swivels for comfort when seated or standing
- Automatic data transfer to APH 550



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Optometry



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APH 550 AUTOMATIC PHOROPTER

> High-end automatic phoropter for speed, precision and comfort in every refraction situation

- Highly-intuitive, easy-to-use touch screen control
- Customizable test sequences
- Easy data transfer from lensmeter to streamline exam
- Compare prescriptions in 2 clicks to speed final check
- Quiet and high speed rotation disk for optimal patient comfort



- Integrated printer
- Keyboard panel
- Tilttable touch screen

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AKR 750 AUTO KERATO-REFRACTOMETER

> Fast, accurate and fully automatic : an ideal solution for delegating patient measurement

- One-touch button measuring process for both eyes
- Ultra-precise measurement for even small diameter pupils
- Auto and manual measurement modes available
- Wide range of measures including peripheral keratometry with eccentricity
- Large 7.5" tilting screen for easy operation
- Automatic data transfer to APH 550



■ Unique "scanning window" with smooth and silent movement to create comfortable and stress-free exam atmosphere



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RETINA 400 FUNDUS CAMERA

> Simple and flexible solution for high definition retinal imagery

- Non-mydratric retinal camera
- High resolution sensor and wide field of vision
- Intuitive software including automated operations
- Independent screen to facilitate the sharing of results
- Flexible and adaptable to different practice configurations



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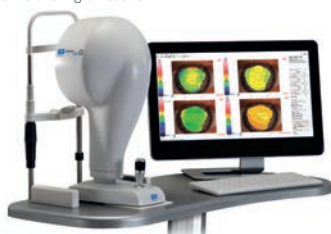


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CORNEA 550 CORNEAL TOPOGRAPHER

> Specially designed for contact lens fitting and dry eye analysis

- High-resolution color camera
- Wide array of graphic representations
- Large contact lens database and autofit function
- Advanced qualitative and quantitative tear film assessment
- Dynamic and static capture pupillometry
- Independent screen to facilitate the sharing of results



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SL 500L / SL 550L DIGITAL SLIT LAMP

> Professional solution for complete eye examination

- High quality optics and cutting-edge LED illumination
- 5 magnification levels
- Wide range of filters : cobalt blue, green, red, neutral density
- Integrated yellow filter and background illumination
- HD Digital camera DS 550 (optional)

Range of filters



Magnifications



SL 500L / SL 550L



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One Easy-to-Use Platform

4Sight® Features:

- Combines A-Scan®, UBM®, B-Scan®, and Pachymeter® into one platform
- Easy data transfer between modalities, including DICOMSM, for higher patient throughput
- Unsurpassed accuracy and image quality



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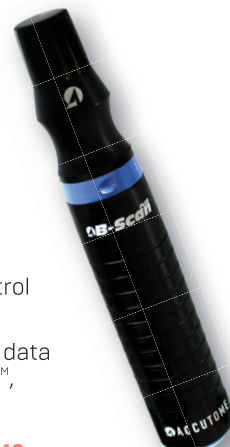


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High Definition Portable B-Scan

B-Scan Plus® Features:

- Superior 0.015mm image resolution with distortion-free zoom up to 2x
- 12 useful measuring calipers as well as fully adjustable gain-control before, during, or after a scan
- Adjustable video loops and easy data transfers including EMR, DICOMSM, and .PDF reporting



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Portable Anterior Imaging

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UBM Plus® Features:

- Tools for measuring sulcus-to-sulcus, anterior chamber depth, positioning of IOL, and more
- Detailed structure definition of the anterior segment
- Adjustable video loops and easy data transfers including EMR, DICOMSM, and .PDF reporting



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The Best of Both Worlds

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AccuPen® Features:

The AccuPen is a portable handheld tonometer with a micro strain gauge that provides precise IOP measurements with minimal calibration needed.

PachPen® Features:

The PachPen is a portable handheld pachymeter with a 65 MHz sampling rate that ensures precise measurements. It uses digital signal analysis to eliminate the need for any calibration and only take readings when properly aligned.



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Spectra Iris

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The little indirect now has even bigger benefits.

- Adjustable aperture for all pupil sizes
- Portable and convenient
- LED long lasting white illumination
- Lightweight and comfortable
- Stylish, comfortable, attractive frame



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Keeler Slit Lamp Technology In Your Hands

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PSL Classic

- Keeler Optics
- 10x & 16x Mag
- Docking Station & Direct Inline Charging

PSL 1

- Keeler Optics
- 10x Mag
- Direct Inline Charging

All of the other great features, including iPhone 4 Technology, Controllable illumination from maximum to zero lumens, charge and use the battery simultaneously (always have power); and the most apertures/filters along with 1.1mm square patch for assessing a/c flare.



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Digital Imaging Anywhere!

New VantagePlus Digital Ophthalmoscope

Keeler leads the way again with the first digital binocular indirect system. Not old analog video but true digital imaging.

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The intuitive and powerful software allows you to use your laptop or any usb interface to optimize the examination, provide still or dynamic images, which aid in the documentation and diagnosis of your patient.

Increase your practice profile by educating your patients and their family with digital dynamic imaging in your office.



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NEW - VantagePlus LED Slimline with Convertible Technology.

(Neutral LED & Xenon illumination)

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Longest life – 10,000 hours, brightest, better detail.



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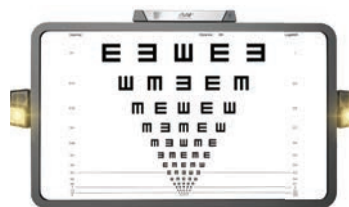
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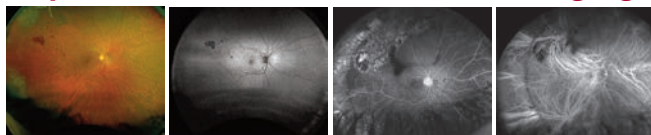
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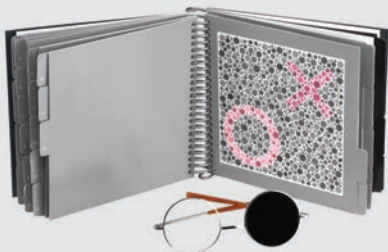
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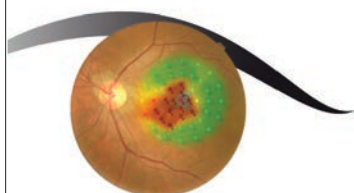


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