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:

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!

[Advertorial content with product information and images]
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- I-Map viewer software for PC
- Tear film breakup time
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- Available with M&S Technologies acuity charts

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2.2x LASER SPOT
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• Excellent for Undilated Retinal Screening

Rapid SLT
FOUR MIRRORS are Better Than One

SPECIFICATIONS
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1.0x LASER SPOT
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• Minimized Lens Rotation Maximizes Patient Comfort

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The doctor prescribed at-home treatment for dry eye

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DESIGNED WITH PRECISION. MADE FOR COMFORT. FIT FOR YOUR PATIENTS.

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Digital Lensometers

Combining technology, simplicity, and value.

The all-new LensChek™ Pro Digital Lensometer® combines technology with simplicity at the core of your exam. The new, compact, modern design and intuitive user interface offers the easiest lensometer 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.

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ClearChart® 4
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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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Combining technology, simplicity, and value.

Increase efficiency and patient throughput with the speed and simplicity of SightChek™. Designed to combine technology and value, SightChek™ enables you to bring the power of digital refraction into your practice at an affordable price.

For over 90 years, Phoroptor® has been at the heart of your exam lane. Trust Reichert®, The Phoroptor® Company, for the best possible refraction experience.

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OptoChek™ Plus
Auto Refractor + Keratometer

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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Ocular Response Analyzer® G3
Corneal Hysteresis: A more objective predictor of glaucoma progression.

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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.

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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 Tonometers

Reichert® Tono-Pen® has been the trusted choice of clinicians for over 30 years.

Introducing Tono-Pen AVIA® applation tonometer now with Quick-Tap™ Measurement Mode. The same ready-to-use, calibration-free, and accurate operation – now with more confidence in fewer measurements – making Tono-Pen AVIA® the most advanced Tono-Pen® yet.

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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Ocu-Film® + Tip Covers
Tono-Pen® Tip Covers

Protect your Tono-Pen® Handheld Tonometer and your patients!

Genuine brand Ocu-Film® + Tip Covers protect your Tono-Pen® tonometers from dust and fluids, and help protect patients from the risks of cross contamination. Ocu-Film® + Tip Covers are sanitized, easy to apply, and are the only Reichert® approved tip covers for use with Tono-Pen® Tonometers. The disposable, single use blue tip covers are available individually packaged in boxes of 150 or bulk packs of 600.

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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.

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Xcel® Slit Lamps
Xcel® 455 and Xcel® 255

Where performance and value converge.

The Xcel® family of slit lamps offer high quality optics for image clarity and detail. Engineered for easy and smooth maneuverability, Xcel® Slit Lamps come in two traditional designs with 3 or 5 times magnification (within the range of 6X, 10X, 16X, 25X, and 40X) and multiple filter options including neutral density.

Reichert® CT100 and CT210 contact application tonometers are available to complement your choice of slit lamp.

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Preservative-free dry eye relief without inconvenient single-use vials
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- Unique, glycerin-based formula contains sodium hyaluronate for advanced comfort (Does not contain vasoconstrictors)
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- Available over the counter

Use as directed

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**Ophthammic Product Guide**

**Page 6**
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

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

CORNEA 550 CORNEAL TOPOGRAPHER
> Specially designed for contact lens fitting and dry eye analysis
• High-resolution color camera
• Wide array of graphic representations
• Advanced qualitative and quantitative tear film assessment
• Dynamic and static capture pupillometry
• Independent screen to facilitate the sharing of results
• Newly-enhanced AnaEyes software to provide one graphical summary report

RETINA 400 FUNDUS CAMERA
> Simple and flexible solution for high-definition retinal imagery
• Non-mydriatic 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

WAM 700+ WAVEFRONT aberrometer
> Fully-automatic for complete anterior chamber analysis and visual need assessment
• Fast, effective, and space-saving
• 7 detailed tests in 90 seconds; both eyes
• Key measurements: Wavefront aberrations, pachymetry, NCT, topography, ARK and more
• Simple to navigate with large touch screen

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 D5 550 (optional)

Range of filters

Magnifications
HIGH-DEFINITION PORTABLE B-SCAN

B-Scan Plus:
- 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
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THE BEST OF BOTH WORLDS

AccuPen:
- Portable handheld tonometer
- Micro strain gauge provides precise IOP measurements with minimal calibration needed

PachPen:
- Portable handheld pachymeter
- 65 MHz sampling rate ensures precise measurements
- Digital signal analysis eliminates the need for calibration and only measures when properly aligned

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- Unsurpassed accuracy and image quality

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EFFICIENCY IS KEY

A-SCAN PLUS CONNECT®

- Automatic EMR exports with DICOM® – Decreases examination time and increases patient throughput
- Icon-based software with easy-to-use interface
- Wide variety of IOL and post-refractive formulas
- Unrivaled customer support

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OPHTHALMIC
Product Guide

DIGITAL SLIT LAMPS
IN ANY STYLE

• Keeler Optics
• Choose from a variety of Keeler Certified add-ons
• 3 step drum (10x, 16x, 25x)
• 5 step drum (6x, 10x, 16x, 25x, 40x)
• Your choice of image capturing software

KSL-H SLIT LAMP

• Keeler Optics
• Choose from analog, digital ready, or digital
• 3 step drum (10x, 16x, 25x)
• 5 step drum (6x, 10x, 16x, 25x, 40x)
• Keeler Certified 3rd party accessories available for digital slit lamps

KSL-Z SLIT LAMP

• Keeler Optics
• Choose from analog, digital ready, or digital
• 3 step drum (10x, 16x, 25x)
• 5 step drum (6x, 10x, 16x, 25x, 40x)
• Keeler Certified 3rd party accessories available for digital slit lamps

MARKET LEADING INDIRECTS

• Interchangeable LED or xenon illumination
• Lightweight Slimline lithium polymer battery
• Wide range of filters and apertures
• Exclusive to Vantage Plus:
  • Intelligent Optics
  • HiMag™ lens: additional 1.6x magnification allows for superb stereoscopic images

PSL Classic (left):
• Keeler Optics
• 10x // 16x magnification
• Docking station and direct inline charging

PSL One (right):
• Keeler Optics
• 10x magnification
• Direct inline charging

PORTABLE SLIT LAMPS

Pulsair Desktop Tonometer:
• Accurate and easy to use
• Smallest footprint
• Economically priced

LESS IS MORE

PULSAIR DESKTOP

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Affordably priced with a small footprint, Vivicon is the ideal choice for busy clinics with limited space. Automatic 3D tracking and image capture makes operation simple for even the most novice user. Capture modes include Montage, Manual and External imaging. The integrated touchscreen tablet serves as the operational hub for image capture, review, and export to the office network or exam lane.

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YPA-2100

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Tablet Touch Control
Connected with control terminal through built-in WIFI, supporting multi-touch/gesture control.

Real-time Graphical User Interface
Minimum training time and cost, fast and easy operation.

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Ultrathin body with maximum thickness of 92 mm.

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EMR ready and easily connects to most popular auto refractors and Lensmeters.

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pg. 10
OPHTHALMIC
Product Guide

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ICARE ic100 TONOMETER – FOR PROFESSIONALS
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The MonCvONE CR full-field perimeter from Metrovision (Lille, France) offers more functional capability than any other perimeter. In addition to traditional perimeter features, it offers:
• Widest field in the industry
• Static & kinetic perimetry
• Manual Goldmann perimetry
• Blue/yellow
• Attraction perimetry for infants
• Video imaging
• Photopic, scotopic & mesopic background
• Dark adaptometry
• Pupilometry
• Two-year warranty

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VISULENS® 500 FROM ZEISS

VISULENS 500 is a straightforward, easy-to-use automated lensmeter designed to speed up your workflow.
- Advanced UV transmission measurement system using four different wavelengths (365, 375, 395, 405 nm).
- Includes a preloaded pen-type marking system
- Integrated green LED (no need to adjust Abbe number)
- Integration with EMR and ZEISS Digital Refraction Systems

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VISUREF 100 – a straightforward, easy-to-use Autorefractor / Keratometer provides accurate and reliable data for your daily practice routines.
- Motorized chin rest
- Auto-trigger function and integrated thermal printer
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- Refraction measurements of patients with implanted IOLs

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With lightweight and compact design, the ZEISS VISUSCOUT 100 allows simple retinal imaging and great flexibility when and wherever the need arises.
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- Highly portable, lightweight device

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VISPLAN 500 makes this IOP examination very easy precise.
- Air-puff principle
- Fully automated with touch screen operation
- Easy to use and delegate to practice staff
- Fast measurement for easy and early identification of high-risk IOP patients even during pretest exams
- No need for anesthetics or fluorescein
- Integration with EMR

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- Clearly structured interface for EMRs
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- Connectivity to ZEISS VISUREF 100, ZEISS VISULENS 500 and iProfiler®

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EyePromise provides expertise in eye health and nutrition science. In delivering unmatched products and services, we offer an extensive line of ocular nutraceuticals that cover a full range of patient needs. Backed by an unconditional 60-day, money-back guarantee, EyePromise is the only brand guaranteed to increase MPOD (macular pigment optical density).

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- Occasional Dry Eye
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- Athletic Visual Performance

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SLIT LAMP IMAGING MODULE BY ZEISS

SL 115 Classic - ideal for all routine examinations and contact lens fitting.

SL 120 - a powerful all-rounder offering precise, efficient support for a wide range of applications.

SL 220 - superb optical and mechanical qualities with the popular tower concept.

SL Cam 5.0 Imaging Module - a compact, fully integrated camera for still and video capture with the SL imaging software.

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www.zeiss.com/equipment

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**NEW MARCO ULTRA M SERIES OF SLIT LAMPS**

The new Marco Ultra M Series of Slit Lamps not only introduces a new era of diagnostic observation, but completely changes the boundaries of conventional slit lamp design and performance. The Ultra M Series is an inspiring orchestration of the original Ultra Optics pedigree, highlighted by an elegant and intelligent design, progressive engineering, and functional flexibility.

The new Ultra M Series from Marco truly represents the next generation slit lamps. Other stand-out features include:

- Single-element, high-luminance LED illumination
- Patent-pending, built-in background illumination system
- Larger, 14 mm continuously variable aperture
- Fully integrated, low-voltage electronics conceals all hardware
- Expanded Patient chin rest access

**ION IMAGING™ ANTERIOR SEGMENT SLIT LAMP IMAGING SYSTEM**

Marco has redefined slit lamp imaging by combining a new intra-optics beam-splitter/camera adapter with the tremendous computing and imaging power of Apple-Technology. Together they create a highly sophisticated imaging system that emphasizes image quality, simplicity and efficiency. ION combines all of the bulky components (digital camera, adapter, computer, monitor, multiple cables, keyboard, mouse, etc.) of the traditional photo slit lamp, into one sleek, attractive all-in-one device, all at your fingertips, never having to leave the slit lamp. The “on-board” display utilizing our HIPAA compliant App allowing the user to export images to the Cloud or LAN for EMR integration. A system that you will want in every exam room, not missing the opportunity to capture, integrate and educate every diagnosis.

**THE EPIC AUTOMATED REFRACTION SYSTEM**

The EPIC is our most innovative space- and time-saving combined workstation to streamline operations, grow your business and increase patient satisfaction. Marco has successfully installed thousands of automated refraction systems. Each receives the Marco certified implementation process that guarantees the efficiency and productivity to make your practice more successful.

The EPIC delivers:

- Color, touch & tilt-screen for near testing
- Facilitated testing and target fixation
- One-touch toggle for “Quick Refract” sequence
- Intelligent cross cylinder
- Three contrast and glare-testing modes
- 4” x 5” footprint
- EMR integration

**MARCO TRS-5100 DIGITAL REFRACTION SYSTEM**

The TRS-5100 is controlled with a programmable remote keypad, and delivers refractions in a fraction of the time it takes with traditional methods. The time saved provides more time for patient consults and optical. It allows the patient to simultaneously view their old and new Rx selections including day and night vision differences. The refraction process increases staff efficiency, maximizes patient flow, and increases overall practice revenue and referrals. The TRS is equipped with “Marco Connect” SM software and is EHR/EMR compatible.

**OPD-SCAN III WAVEFRONT ABERROMETRY**

Beyond the ability to gather an autorefraction, keratometry, pupilometry, corneal topography and wavefront aberrometry in ~10 seconds per eye, the OPD-Scan III adds over 20 diagnostic features never before integrated in one workstation.

- Angle Alpha and Kappa for multi-focal implants
- Retro illumination image displays cataracts, post-op toric IOL alignment, haptics, etc…
- SA of Cornea for Aspheric IOL selection
- Average Pupil Power for post LASIK calculations (APP on ASCRS IOL calculator)

Choosing the right IOL for your patients based on their visual system leads to better outcomes.

**M3**

The world’s first combination unit with NCT – The Marco M3®

The M3 from Marco is a combination automatic refractor, keratometer and non-contact tonometer. The M3 uses a highly sensitive CCD camera, which creates high-quality images for accurately measuring patients with cataracts, corneal opacities, IOLs and post-Lasik cases. Other features include automated eye alignment, auto-fogging system, tilt screen, motorized chinrest and new ergonomic design. The M3 easily integrates with other Marco refraction systems.

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VERAPLUG™ FLEXFIT™ - OFFERS 45-DAY RETENTION PLEDGE

The NEW FlexFit™ Punctal Occluder by Lacrivera offers a fresh approach in bringing greater value to your dry eye practice. The FlexFit nose technology, designed to collapse when inserted, allows for simple sizing, easy insertion, superior retention and excellent patient comfort. In addition, Lacrivera’s FlexFit has a premium 45-Day Retention Pledge. If a VeraPlug FlexFit is lost within 45 days of insertion, Lacrivera will replace it free of charge. The VeraPlug FlexFit offers 4 sizes (XS, S, M, L) in both sterile preloaded and nonsterile bulk packages. For more information on the VeraPlug FlexFit and Lacrivera’s dry eye line visit Lacrivera.com. Lacrivera is a division of Stephens Instruments.

Eye Refract is an innovative new concept in refraction, the only system of its kind, designed to expedite workflow without compromising patient care.

• Full refraction (AR+Subjective) in 3 minutes
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• Combines auto and subjective refraction in single instrument
• Consistently reliable refraction results regardless of operator
• The only system with patented dual Shack-Hartmann aberrometers

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Indication for Use: TearCare® is indicated for the application of a warm compress to the eyelids. Such applications would include Meibomian Gland Dysfunction (MGD), Dry Eye, or Blepharitis.

To learn more: info@icare-usa.com

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