

Ophthalmic Instruments



WALMAN
INSTRUMENTS



www.walmaninstruments.com

Walman Instruments is proud to be one of the nation's leading distributors of ophthalmic and medical instrumentation. Since 1915, we have continued to provide innovative products of the highest quality, along with unparalleled service and value.

We are an authorized distributor for the most trusted names in the industry; including Haag-Streit, Reliance, Topcon, Reichert, HEINE, Keeler, Kowa, M & S, Marco, Volk, Sonomed, Tomey, and Welch Allyn. As an authorized distributor, our sales and service representatives receive ongoing product training and service support from the companies who make the instruments. Walman also now offers premium refurbished diagnostic equipment such as Stratus, Cirrus and Optovue OCT's, Humphrey Field Analyzers, and Zeiss IOL Masters through Eye Care Alliance. For you, that means more options to meet your individual needs, along with better service after the sale.

As part of Walman, we are ideally positioned to serve as a complete resource to our customers. From contact lens fabrication to prescription lens service; fashion frames and accessories to our professional practice solutions, we are well equipped to ensure your complete satisfaction and continued success.

Focused on your success.

If you are looking for classical or technology instrumentation, new or reconditioned equipment, sales consultation or service; we appreciate the opportunity to assist you. Thank you for considering Walman Instruments!

Diligent

Dependable

Experienced

Knowledgeable

Responsive

Resourceful

Focused

Dedicated



We invite you to visit the largest ophthalmic instrument showfloor in the country.

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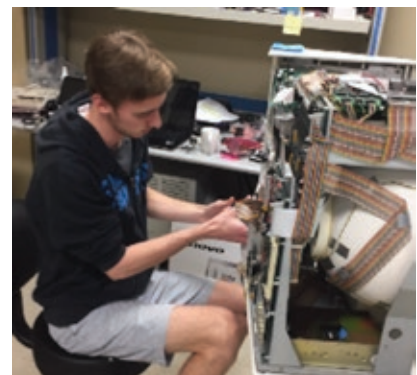
STATE-OF-THE-ART SERVICE DEPARTMENT



Industry leading training, refurbishment, support and repair of preowned diagnostic equipment.



- All pre-owned and refurbished equipment comes with a comprehensive one year warranty.
- Units are calibrated and upgraded to latest software version available, thoroughly tested and evaluated, external covers are cleaned or replaced, and worn parts are pre-emptively replaced.
- Inventory refurbished and in-stock at our 7,500 sq. ft. warehouse in Raleigh/Durham, NC.
- Walman customers receive preferred ECA support and pricing by calling **1-800-328-2020**
- Several expert technicians and trainers on-staff for remote diagnostic support and service.





CHAIRS & STANDS



MARCO BRAVO CHAIR

Simple featured, lower cost exam chair designed for everyday primary patient care. No recline function allows user to maximize refraction distance in small exam rooms. Increased 40cm of elevation range easily accommodates all patients and practitioners.



MARCO ENCORE CHAIR

Pneumatic-assisted manual recline mechanism uses patient weight for effortless adjustments. Offers recline options of a full flat or partial back only. Exclusive double hydraulic cylinder provides for 300 mm of chair travel.



MARCO ENCORE AUTO CHAIR

Easy-to-use backlit fingertip switches control chair elevation, recline and return functions. Programmability allows the touch of a switch to instantly recline the chair to form a bed or any position desired. Features Marco's exclusive double hydraulic cylinder system which offers a full 300mm elevation range.



MARCO TILT CHAIR

Combines Marco's effortless, silky smooth counterbalancing recline system with a new modern, sophisticated appearance. Also incorporates the only double hydraulic cylinder system in the industry, creating an extended range of elevation—from extra low to extra high.



MARCO DELUXE 2 STAND

An electronic release button and a chair elevation switch are located on the lower slit lamp arm. A full-featured flat overlay switch panel controls the slit lamp, chart projector, accessory instrument, overhead lamp, chair elevation, and voltage for a corded instrument.



MARCO DELUXE 2 NON CONSOLE STAND

Clean, attractive design mirrors the popular full console Deluxe2 model. Same proven mechanical design and operating features as the standard Deluxe 2, but without instrument wells.



MARCO ENCORE STAND

Combines the proven structure and durability of the Deluxe Stand with a modern, sophisticated appearance. Available with the Marco Programmable Electronic Room Controller (PERC), allowing you to control any programmed room-lighting function during the course of an exam with every instrument plugged into the stand, as well as hand and remote instruments.



MARCO CIRCULAR RING STOOLS

Marco's new stools offer the examiner a simple, durable and comfortable seat for everyday practice needs. Additional features include:

- 360-degree circular ring adjustment handle
- Air-spring pneumatic cylinder
- 5-leg durable composite base
- 2" twin nylon casters
- 20"-27" vertical adjustment range

CHAIRS & STANDS



RELIANCE 2000 CHAIR

Power chair with 7" elevation range. Adjustable backrest. Single footswitch to raise/lower chair. Single swivel lock.



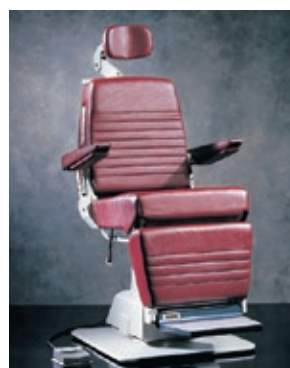
RELIANCE 3000 CHAIR

General examination chair. Pump hydraulic base, articulating armrest, unique pneumatic assisted recline mechanism, and articulating pillow headrest.



RELIANCE 520/522 CHAIR

The model 522 Chair mirrors the model 520 in design and features the proven Reliance hydraulic base. The main difference is that the model 520 features a tilt recline and the economical 522 has a stationary back.



RELIANCE 6200 CHAIR

Hydraulically controlled by single detached footswitch or switches on both sides of chair back. Manual pneumatically assisted recline back only or full table. Designed for ease of patient positioning with switches and recline mechanisms located for convenient operation. Available in either high or low base models.



RELIANCE 7000 CHAIR

Full-powered examination chair which adjusts to the table position with the touch of a switch. Dual foot switches and switches on each side of the chair back. Available in either high or low base models.



RELIANCE 980 CHAIR

Full power articulating chair/table. Removable cushions and dual controls for base and top, either by footswitch or finger switches on chair back. Available in either high or low base models.



RELIANCE FXM920 CHAIR

Tilt recline allows the patient to maintain position as the chair is reclined. Chair is perfectly counterbalanced for effortless recline to any position. Backlit membrane switches control the raise, lower and auto-down functions. Dual side operation, available in high or low base models.



RELIANCE FX920 CHAIR

Full-powered examination tilt chair which allows the patient to maintain position as the chair is reclined. Programmable power tilting top using membrane finger switches and corded footswitch with auto return. Available in either high or low base models.



CHAIRS & STANDS



RELIANCE 7800 STAND SERIES

The model 7800 complements any Reliance examination chair to efficiently deliver diagnostic instruments. It is available with or without instrument wells and can be upgraded for wheelchair access.



RELIANCE 7900 STAND SERIES

The Model 7900 is designed for functional and aesthetic compatibility with any Reliance chair. The Model 7900 offers the proven functionality of Reliance stands in a beautiful modern design. The Model 7900 is available with or without instrument wells and can be upgraded for wheelchair access.



RELIANCE 8700 STAND SERIES

The 8700 economy instrument stand features: slit lamp arm with a pneumatic cylinder and mechanical spring assist, three recharging wells, membrane switches, controls for indirect lighting and wheel chair compatibility.



RELIANCE 905S DELIVERY SYSTEM

The 905S Pendulum delivery system is designed for effortless delivery of ophthalmic instruments. The tabletop lifts from its rest state and delivers the slit lamp in front of the patient. Slit lamp automatically turns on as table settles into place.



DESKTOP ECLIPSE

Control exam room lighting without changing position. Program up to 16 room light combinations according to your work habits. Simply touch the control panel or move an instrument to activate lighting presets. (Also available in select stands)



RELIANCE 4200 SERIES STOOLS

Pneumatic stool with five-legged base. Standard 15" diameter seat. Minimum seat height of 18" with 8" stroke. Seat back included in 4246 model. Full range of colors.



RELIANCE 5300 SERIES STOOLS

Seat height adjusts from 20" to 27-1/2" by using a control ring located under the seat. 2-1/2" soft rubber casters, 15" round or waterfall seat, wrap around arm or tilting back rest. 19-3/4" diameter base and a full range of colors.



RELIANCE 500 SERIES STOOLS

Adjusts hands free. A convenient foot pedal raises or lowers the stool. Seat adjustment Lock stool seat swivel by lifting foot pedal. Choice of three heights Standard height elevates from 17 to 25" above the floor. Medium seat height for surgical use is 20-1/2 to 28". High seat height is 24 to 31-1/2".

CHAIRS & STANDS



TOPCON STOOLS

Four different stool styles to meet every need. Round stool w/no back, round stool w/back, deluxe stool w/back and armrest, patient stool w/locking wheels. Extended pneumatic elevation (8 inches), premium casters roll well on carpet and/or tile. Choice of any Topcon upholstery color.



TOPCON OC-2200 MANUAL RECLINE

This manual powered examination chair features solid cast aluminum frame, armrest, footrest and base. Easily recline to full supine position. Ergonomically contoured cushions with built-in lumbar support. Back illuminated membrane switch control.



TOPCON OC-2300 AUTO RECLINE

Fully powered examination chair features solid cast aluminum frame, armrest, footrest and base. Ergonomically contoured cushions with built-in lumbar support. User-friendly back illuminated membrane switches with two-position memory and foot control switch.



TOPCON OC-2400 POWER TILT

Fully powered examination chair features Topcon's exclusive motorized tilt and innovative FlashPort technology. Armrest, frame, footrest and base are constructed of solid cast aluminum. User-friendly illuminated membrane switches with two-position memory and foot control switch. Ergonomically contoured upholstery with built-in lumbar support.



TOPCON IS-5500

Features a white LED overhead lamp and a smaller, more compact design that brings the control panel and the charging wells down towards the user, facilitating their reach. An illuminated liquid-proof membrane control panel makes it easy to operate in darkened environments and provides full control of the stand, chair and room light functions. EZ-Lock Brake Release mechanism allows for effortless movements and easy storage between exams.



TOPCON EXAM 5000

Automated diagnostic technology, combined with ultra-space-efficient engineering and clean, contemporary styling, make the new Topcon EXAM-5000 Computerized Refraction System the perfect choice for today's (and tomorrow's) highly competitive practice environments.



TOPCON OMNI 2DU SYSTEM

The Omni II System has been designed with form, function, and flexibility as primary goals. The Omni II allows you to take advantage of many advances in technology, while being kind to the pocketbook.



TOPCON OMNI PINNACLE SYSTEM

Includes: Desk Cabinet, Delivery Cabinet, Vision Tester Arm, programmable Slit Lamp Arm, New Autoswitch Electronics w/ Three Rechargeable/ Programmable Wells Overhead Lamp, Room Light Wiring Kit, Indirect Hanger, Trial Lens Drawer.



CHAIRS & STANDS



REICHERT STAMINA CHAIR

The very best in comfort, style, functionality and durability. Effortless 45 degree tilt and 360 degree rotation, with a small footprint.



REICHERT STAMINA STAND

The Reichert Endurance Instrument Stand meets the needs of the eye care professional who demands the very best in durability, functionality and style.



RELIANCE-XOMA

Xoma is a new exam room equipment delivery concept from Haag-Streit, for eye care professionals, that projects a cutting edge for your practice.



MARCO ORION

The key feature of the Orion is an innovative "sliding" electronic table that provides automated control of slit lamp elevation and horizontal positioning. Numerous instrument mounting accessories help complete the ensemble, creating a unique examination atmosphere.



RELIANCE 940 CHAIR GLIDE

ADA Wheelchair Access in a snap. The chair glide along with a low base model Reliance Chair will help you to comply with the mandatory requirements of the Americans with Disabilities Act.



RELIANCE 942 CHAIR GLIDE

The high-density polyethylene plate fits on any floor or carpet and assures quiet travel. Features: Heavy-duty stops, Tapered track, Locking pedal, Case-hardened steel rollers.



WALMAN CHAIR MOVER

Allows for easy movement and replacement of exam chair for wheelchair bound patients. Durable, all-steel construction provides years of no-maintenance, trouble-free use. 2" wide, nylon wheels roll on most surfaces. Positive-lock friction brake is foot-controlled. Talk to your tax advisor about A.D.A. tax credit.



WALMAN CHAIR GLIDE

The easiest way to accommodate patients in wheelchairs. Works with most chairs. Works on any floor surface. Cast aluminum glide plate with stainless steel floor plate. Locks in any position. Made in USA. 5-year warranty. Talk to your tax advisor about A.D.A. tax credit.

Enduring



DESIGNS



There's a reason why Marco **Classical Products** continue to be the premier selection for ophthalmic practices everywhere. From the most practical to the most feature-rich, Marco quality and state-of-the-art craftsmanship stands out in every diagnostic instrument we build.

The Difference is Marco.



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Walman
Instruments
is now a
national authorized
distributor.

FAMOUS FOR SEEING WHAT OTHERS CAN'T.



Innovation and craftsmanship that helps you rise above.

Haag-Streit vision spans more than 150 years. Our goal is simple: to develop ever more useful tools for the precise understanding of the human eye. At Haag-Streit, you will see the future clearly.



Haag-Streit
BQ900 & IM900



Octopus 600



Octopus 900



Reliance
FX920



Reliance
520

800.787.5426

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HAAG-STREIT
USA

REFRACTORS



REICHERT ILLUMINATED ULTRAMATIC

With lighted sphere, cylinder power, and the cylinder axis scales, you can put the pen light down and leave the lights off through the entire refraction. Illumination is provided by cool-running, energy efficient LEDs that light only what you need to see without affecting the darkened refracting environment.



TOPCON VT-10

Precision in design and workmanship guarantees accuracy in refraction measurements that won't deteriorate—even after years of use. Total quality from Topcon means you can have total confidence in performance.



REICHERT ULTRAMATIC

The ULTRAMATIC RX MASTER is designed and constructed to provide years of reliable service. Professional distinctive features measurably improve procedures like the time-saving synchronized cross cylinder that automatically rotates to the corresponding axis, and Ful-Vue™ convergence that provides the widest field of view for increased accuracy.



TOPCON CV-5000S ELECTRONIC REFRACTOR

Today's demand for delegating the refraction, EMR, efficiency and ergonomics continues to generate interest in this product! This versatile system can be integrated into the Exam-5000 System or utilized with a conventional chair and stand. Now available with built-in M&S Chart software.



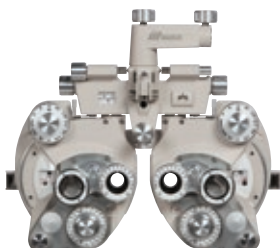
REICHERT SIGHTCHEK

The all-new SightChek™ Digital Phoropter®, part of the VisionChek™ Digital Exam Suite, combines technology, simplicity, and value at the core of your exam. Designed for maximum efficiency that allows you to rapidly perform all of the functions of a manual Phoropter®, all while comfortably seated next to your patient.



PHOROPTOR VRx DIGITAL REFRACTION SYSTEM

Drive practice efficiency and accelerate the exam process with the Reichert® Phoropter® VRx Digital Refraction System. With the thinnest, most compact design available, incredibly fast lens exchanges, motorized prisms, split cylinder lenses, and ultra-quiet operation, Phoropter® VRx offers an outstanding patient experience. Built in the USA.



MARCO ILLUMINATED RT-700

The Marco RT-700 is a distinctive industry-recognized design that conveniently combines a proven illumination system with marco-certified quality. Available in grey and black.



REFRACT IN THE FAST LANE

DRIVE PRACTICE EFFICIENCY



NEW

PHOROPTOR® VRx

DIGITAL REFRACTION SYSTEM

Thinnest & most compact. Incredibly fast. Ultra-quiet.
Effortless integration. Made in the USA.

The most advanced Phoroptor® ever built.
www.reichert.com/vrx

Contact your Walman Instruments representative for a **test drive**.



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SLIT LAMPS



KEELER PSL CLASSIC HAND HELD

Excellence in optics, versatility and portability are key benefits with the strength to withstand the daily traumas of the demanding ophthalmic environment; the PSL is lightweight, durable and robust.



KEELER PSL 1 CLASSIC

Keeler designed and manufactured with the same quality standards as the PSL Classic with 10X magnification only and no base charger.



KEELER 40H

Keeler optics, British built, Stylish and contemporary design, 6x to 40x magnifications, Integrated yellow barrier filter, Square aperture for Uveitis assessment, Illumination control mounted next to joystick, 3 year warranty.



HEINE HAND HELD SLIT LAMP

Compact and light-weight, the portable HSL 150 is ideal for situations where a full-size slit lamp is not available or convenient.



KOWA SL17 HAND HELD

Ideal for hospitals, nursing homes, contact lens patients, pediatrics. Works in 4 pcs of AAA (alkaline or Ni-MH) batteries for examination anytime anywhere. Easy selection of combination. (three slit widths and three aperture diameter).



S4OPTIK RIGHTON MW50D

Employs a natural color LED light source with reduced blue that is perfect for slit images. Wide magnification range enables both wide angle view and detailed observation.



SLIT LAMPS



MARCO 2B ULTRA

Generous performance and economical price. Combines remarkable ease of use and value with the same high optical qualities and precision construction found in all Ultra Series models. Standard with four built-in filters, 0-10mm slit width, and halogen illumination. Hruby lens kit and patient hand rests optional.



MARCO G2 ULTRA

Exceptionally natural view is created by 6 degree converging binocular tubes incorporating high-eyepoint, extremely wide-field eyepieces and Galilean magnification changer. 10x, 16x, and 25x magnification. Halogen illumination. Premeasured fixed aperture diaphragms of 0.3, 3, 5, 8, and 14mm; continuously adjustable from 1mm to 14mm. Options available.



MARCO G4 ULTRA

Exceptionally natural view is created by 6 degree converging binocular tubes incorporating high-eyepoint, extremely wide-field eyepieces and Galilean magnification changer. 6x, 10x, 16x, 25x, and 40x magnification. Halogen illumination. Premeasured fixed aperture diaphragms of 0.3, 3, 5, 8, and 14mm; continuously adjustable from 1mm to 14mm. Options available.



MARCO G5 ULTRA

Six-degree converging binocular tubes with Galilean parallel magnification changer to ensure visual comfort. Five-step magnification range from 6.3x to 40x with the twist of a single knob and no change of eyepiece. Fingertip millimeter slit-width control provides highly precise adjustment. Easy-to-reach tilt mechanism. Halogen illumination and five built-in filters. Options available.



MARCO ION

Slit lamp imaging is redefined by combining a new intra-optics beam splitter/camera adapter with the tremendous computing and imaging power of Apple technology. Intuitive operation, optimized imaging, and immediate networked integration are product hallmarks. 'ion': intuitive, optimized, and networked.



MARCO 5 ULTRA

Converging optics w/single-handed elevation system and easy-to-reach tilt mechanism. Dial-in, and continuously variable aperture setting is adjustable from 10mm to 0.2mm. Standard with Five built-in filters, patient handrests, and halogen illumination. Hruby lens kit optional.

SLIT LAMPS



ZEISS SL-120

Improved resolution results in images revealing finest structures at high contrast and more discernible details; super high eye point eyepieces provide unrestricted operating comfort, even to operators wearing spectacles.



ZEISS SL-130

Dual application design allows the SL 130 to be used as a traditional slit lamp as well as for laser therapy, slit rotation, slit decent ration for retro-illumination and an illuminated field of 14 mm.



TTI DIGITAL SLR UPGRADE

Features include: Live view on PC, &/or LCD/Plasma TV, High resolution still images, HD Video recording, Compatible with most DSLR cameras, Wireless download capable using Eye-fi card, Imaging software also available.



TTI EYEPIECE ADAPTER

ACCU-Beam® Digital Eyepiece Camera Kit for Haag-Streit Style Slit Lamps, Digital Eyepiece Camera Kit with CANON A2600, Camera features include:

- 16 MP Resolution • HD video recording @ 720P • 5 X Optical Zoom • Wireless download using Eye-fi SD card.



REICHERT PSL HAND HELD

The PSL's high luminance light source provides about 10,000 lux of white light and has a lifespan of 50,000 hours or more; providing bright, consistent light, as well as the convenience of not having to replace bulbs. The PSL Portable Slit Lamp comes with two long-lasting batteries that can power the unit at maximum illumination for up to two hours.



REICHERT XCEL 255

Compact design, Wide-Field optics, Halogen lamp, 10X, 16X, 25X magnification, Feather-touch XYZ joystick.



REICHERT XCEL 455

Lenses with high efficiency multilayer optical coating for enhanced light transmission, resulting in bright, even illumination and outstanding image clarity. Magnification Ratio 6.5x, 10x, 16x, 25x, 40x.



SLIT LAMPS



TOPCON SL-D2

Topcon's patented converging binocular tubes, together with a parallel objective lens for stereoscopic observation that is remarkably sharp and easy on the viewer. Galilean-type magnification drum that allows quick and easy shifts among three convenient magnification ratios: 10X, 16X and 25.6X.



TOPCON SL-2G

Compact illumination unit with an LED instead of traditional bulbs. Adjustable slit mechanism with up to 14mm of aperture. Magnification changes are done through a rotating drum with 10X, 16X and 25X magnifications.



TOPCON SL-D4

Patented convergent binocular tubes, together with a parallel objective lens for stereoscopic observation that is remarkably sharp and easy on the viewer. Galilean-type magnification drum that allows quick and easy shifts among five convenient magnification ratios: 6X, 10X, 16X, 25.6X and 40X.



TOPCON SL-3G

The new SL-3G Slit Lamp combines classic versatility with the smoothest mechanism in its type. Its stereoscopic converging microscope and innovative optics provides the practitioner with unsurpassed image clarity and sharpness. This reduces fatigue while providing a clearer field of view.



TOPCON SL-D7

Convergent binocular tubes provide a stereoscopic image with the Galilean-type microscope of the SL-D7. It is possible to select among five magnification ratios (6X, 10X, 16X, 25.6X & 40X with the standard 12.5X eyepiece) without the need to refocus after changes.



TOPCON SL-D8Z ZOOM

By applying highly efficient zoom optics, the SL-D8Z provides continuous observation through the magnification changes of 6.35X to 31.75X. Detents are provided at the 10X, 16X, and 25X positions for easy reference. This gives dramatic visualization of minute anterior conditions and creates an excellent display for video technology.



TOPCON SL-D701

Meibomian gland observation and documentation capability when used with the DC-4 and BG-5. Exclusive amber filter for color enhancement in viewing and photography. Five magnification drum changer: 6X, 10X, 16X, 25X, and 40X.



TOPCON DC-4

The DC-4 Digital Photo Attachment can be easily mounted on any of the "D" Series of Topcon Slit Lamps converting them into a high quality ophthalmic documentation instrument. The infra-red capabilities of the device allow for viewing and documenting the condition of the Meibomian glands, when used in conjunction with the BG-4M/BG-5 background illuminator on the SL-D7, SL-D701 and SL-D8Z models.

SLIT LAMPS



HAAG-STREIT BA 904 HAND HELD

The 904 slit lamp can be used with its head and chinrest assembly for traditional style examinations or as a hand held slit lamp. Features include superior optics from Haag-Streit, halogen illumination, 3 slit widths (0.12mm, 0.25 and 0.5mm), 4 slit heights (3mm, 5mm, 8mm and 14mm), two integral color filters; blue and yellow.



HAAG-STREIT BM 900 LED

This new model includes: Specially designed light spectrum to guarantee best details in diagnosis from the cornea to the retina. Ergonomic—slit illumination control, lasts a lifetime—no more bulb change, energy saving, original Haag-Streit quality.



HAAG-STREIT BP 900

An optional beam splitter allows the attachment of the IM 600 Digital camera module. Push button control of the illumination is located on the joystick. 10, 16 and 25x magnification control is located on the side of the microscope.



HAAG-STREIT BQ 900 LED

The new BQ 900 LED illumination slit lamp is imaging ready and combines slit and fill illumination. Specifically in combination with the Imaging Module IM 900, the new LED illumination provides the user with improved functionality.



HAAG-STREIT BQ IM 900

The Haag-Streit IM 900 is an integrated imaging solution for the BQ 900 Slit Lamp. The IM 900 system consists of a compact camera module including beam splitter with capture module and cabling, EyeSuite software, monitor, CPU, and background illumination.



HAAG-STREIT BI 900

The BI 900 provides the default magnifications 10 x and 16 x. With a set of optional eyepieces, it can be extended to 25 x and 40 x magnification. The maximized diameter size of the ocular view ensures fatigue-free examination even on long working days. A yellow barrier filter provides additional contrast for fluorescein application. The optional Imaging Set provides a fully integrated compact imaging solution, which has been designed to simplify the image capturing process.



HAAG-STREIT BX 900 LED

Designed for professional photography, the BX 900 LED provides features for the professional ophthalmic photographer. Integrated flash, fully synchronized with the camera, slit and background illumination, are all controlled through a release mechanism immediately beside the slit lamp joystick, as well as adapters allowing for the fitting of many top of the range professional level digital and 35 mm cameras, ensure ophthalmic imaging of the highest possible quality.

Tonometry Done Right

new



D-KAT Digital
Keeler quality.



Pulsair Desktop
Smallest footprint and simple to use!



Intellipuff
The standard for hand held mobility.

Keeler
OPTICS

TONOMETERS



HAAG-STREIT AT900

The AT900 Applanation Tonometer is produced for those who wish the tonometer to remain permanently on the slit lamp. It is mounted on a pivot on the microscope and for examination is swung forward in front of the microscope. The applanation surface is to be examined in a monocular manner through the left ocular.



HAAG-STREIT 870

The Applanation Tonometer 870 is to be mounted over the microscope of the slit lamp. The feeler arm protrudes from above into the path of the microscope and the illumination unit. The Tonometer is ready for use with a single swing movement.



PERKINS HAND HELD

The Perkins has been established for well over 30 years as a "world standard" for hand held applanation tonometers. Based on Goldmann principles and utilizing the original Goldmann or Tonosafe disposable prisms, the Perkins combines proven technology with the flexibility of a hand held instrument.



KOWA HA-2 HAND HELD

Compact, lightweight, easy to handle. One-spring mechanism assures correct reading regardless of patient posture. Incorporates the Haag-Streit doubling prism. Accessories include adjustable head rest, well-rechargeable handle, and interchangeable eyepiece.



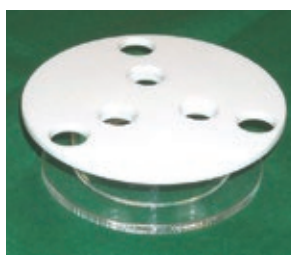
HAAG-STREIT TONOSAFE

Haag-Streit has developed a low cost disposable prism, which does not compromise the performance of Goldman Applanation Tonometers & helps to prevent cross-contamination.



KEELER D-KAT DIGITAL

It operates according to the 'Goldmann method', by measuring intraocular pressure from the force required to flatten (applanate) a constant area (3.06mm) of the cornea. With its LED display and internal electronics it allows for the fast accurate measurement of IOP, (intraocular pressure). Available in both R-Type & T-Type variants.



WALMAN PRISM TIP DISINFECTING TRAY

Designed to hold 3 tonometer prisms partially immersed in disinfectant and 3 additional prisms air drying.



TONOJET DISPOSABLE PRISM

Protects your patients against any disease transmitted by lachrymal film. Fits all Goldman type applanation tonometers. Is used like any other separation prisms. Excellent luminosity.



TONOMETERS



REICHERT AVIA TONOPEN

TONO-PEN AVIA features the same proven accuracy as the clinically trusted TONO-PEN XL, but with a more ergonomic design, four times longer lasting battery and larger LCD screens. The proven reliability of Reichert's applanation tonometers allows operators to take IOP measurements confidently anytime, anywhere, and in any position.



REICHERT TONOPEN XL

The TONO-PEN XL tonometer is an easy to use, portable, hand held instrument which provides fast and accurate IOP readings with the accuracy comparable to the Goldman Tonometer. The Tono-Pen gently contacts the cornea, and displays the average of four independent readings, along with a statistical coefficient. Battery power operates the pen for approximately 1200 eyes while sanitized Ocu-Film® tip covers are used to minimize the risk of cross contamination.



OCU-FILM (INDIVIDUALLY WRAPPED)

(Box of 150 Individually Wrapped)
Genuine Brand Ocu-Film+ tip covers are the only Reichert approved covers for use with Tono-Pen tonometers.



OCU-FILM (BULK PACK)

Ocu-Film+ tip covers were carefully developed as an integral part of the design specifications for the Tono-Pen tonometers to ensure maximum measurement accuracy and reliability. (Bulk packs are not individually wrapped).



REICHERT CT210 CONTACT TONOMETER

The CT210 mounts on a compact-style slit lamp and swings down into position when required. In its parked position, the CT210 does not interfere with the normal diagnostic use of the slit lamp.



REICHERT CT100 CONTACT TONOMETER

The CT100 mounts on a tower-style slit lamp and swings into position when required. The prism is viewed through the microscope objective. The tonometer can be easily removed allowing for other attachments.



REICHERT MODEL 30 CLASSIC PNEUMATONOMETER

The Model 30 Classic Pneumatonometer is an easy to use instrument which provides fast and accurate tonometry and optional tonography functions.



HAAG-STREIT DESINSET

Cleaning and storage containers used for efficient disinfection of tonometer measuring prisms. Solution not included.

PROJECTORS & ACUITY SYSTEMS



MARCO PROVUE

Extraordinarily simple, aesthetically attractive, user-friendly remote control, multiple levels of contrast sensitivity testing, animation video for pediatric fixation, patient education images, ETDRS, specialty testing charts.



HAAG-STREIT STIMULI

Stimuli by Haag-Streit replaces the old technology, the automated projector. Stimuli eliminates the "memory effect" by bringing virtually unlimited charts to the patient in a random manner. All functions are at the practitioners finger tips. Includes the Apple iMac computer with built-in monitor, Stimuli Software and the hand controller.



MARCO SC-1600

LCD screen provides a wide range of popular Snellen, ETDRS, and stereo testing options for binocular vision examinations plus contrast sensitivity testing. The user-friendly remote control includes an LCD chart display window.



M&S ALL IN 1 USA

The M&S Smart System® 20/20 is the most comprehensive, feature rich and flexible computerized visual acuity testing system available. Optimized with a wide variety of fully randomizable charts, contrast sensitivity and multimedia functions.



MARCO CP-770

In addition to being smaller, lighter, and cosmetically more appealing than previous models, the CP-770 also incorporates a new maintenance free LED illumination system that produces a brighter, more consistent high resolution acuity image.



M&S STANDARD

Smart System Standard delivers versatility and performance to today's modern exam room. Includes complete optotype randomization and a comprehensive series of charts, graphics and video.



M&S GLARE

The American-made GTS consists of 4 precisely calibrated, high-intensity LED lights mounted to the Smart System visual acuity testing system (also available as a stand-alone system) that replicate real-life glare conditions at the touch of a button.



M&S SMART SYSTEM 8 COLOR TABLET

The Smart System® 8" Color Tablet can now be used for near vision testing. In addition to using the fully-customizable tablet to run the Smart System, eye care professionals can test their patients.

What do you get when you purchase a Smart System® 20/20?



More than the eye can see!

We have developed a great deal of valuable features and functions for the Smart System® throughout our 27 years in business. But there's more to the Smart System® than what hangs on the wall. In addition to our stellar customer service and technical support, you get:

- A software license that you can use for life
- An ADA-compliant system
- A system that is upgradable and interfaces with other industry leaders (such as Topcon, Marco, Reichert and Huvitz) thereby eliminating obsolescence



Ask your Walman Instruments representative about all the Smart System® products from M&S Technologies!



The First Choice in Vision Testing Systems



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mstech-eyes.com

1-847-763-0500



M&S holds US Patents 7,354,155; 7,926,948; 8,425,040; 8,167,429; 8,419,184 & 8,550,631. Other Patents Pending.

PROJECTORS & ACUITY SYSTEMS



REICHERT LONG LIFE

Custom designed electro-optical system that provides the optimum brightness, bulb life, and color temperature necessary for accurate, repeatable test results. The unit's halogen bulb lasts over 10 times longer than incandescent bulbs. Thermal efficient composite cover and ventilation ensure cool-to-the-touch operation. Uses standard slides and mounts.



TOPCON MC-4S

For use with the CV-5000S, the MC-4S allows you to maximize your exam space. It simulates a full 20 ft. lane in a 2'-5" range, allowing for use in very small refraction areas. Features a high resolution, polarized LCD display that includes all common visual acuity charts as well as the ability to customize refraction programs and show 3D movies or the effects of polarization on a patient's glasses.



REICHERT CLEARCHART 4; 4X (ENHANCED FEATURES); 4P (POLARIZED)

Featuring a 19-inch, high-resolution LCD flat panel display, and weighing only 11.25 pounds, the ClearChart 4, 4X and 4P are easily mounted to any wall. The custom designed LINUX system is free of fans and hard disk drives, allowing for silent, dependable operation in the exam room.



TOPCON ACP-8R

The ACP-8R Automatic Chart Projector features 30 random access charts with multiple 20/20 and 20/15 lines. New and improved features include:

- AO compatible Snellen charts
- Fastest chart rotation on the market today
- Completely programmable chart selections



TOPCON VISICHART

Stand alone, flat LCD panel, wireless remote, wall or desk mount, forward or reversed for mirrored rooms.



TOPCON PC-50S

The PC-50S is a 19" high resolution LCD visual acuity chart that is optimized for the CV-5000S. It features a comprehensive range of optotypes and tests. Connects to the CV-5000S via monitor cable.



ACUITYex

The affordable option to add streamlined, computerized vision testing to your practice. It is the perfect fit for vision screening examination lanes or for quick, basic tests in subspecialty practices.

OMEGA 500 LED

An Illumination Innovation.



What is LED in HEINE Quality?

At HEINE we believe in customer driven innovation, setting goals based on our customer's needs and achieving them. By developing unparalleled standards for 5 key elements of LED performance, using the highest quality materials and precision optics, we are able to offer the first market ready LED illumination system for a BIO. HEINE LED HQ, LED in HEINE Quality.

**CRI
90**

COLOR RENDERING

Color Rendering Index (CRI) indicates how exactly colors are reproduced in comparison with what we see in daylight. The closer this value is to the maximum of 100, the more accurate the lighting system is. The OMEGA 500 with LED HQ produces an excellent CRI value of 90. Combined with a color temperature of 4000 K, this means that from Xenon to LED HQ the color rendering remains unaltered.



THERMAL MANAGEMENT

To ensure consistent light output and maximum lifetime, proper thermal management is required for an LED illumination system. Our LED HQ module is constructed of heat conducting materials to ensure fast dissipation of the heat.

**LONG
LIFE**

LIFESPAN AND ON TIME

By utilizing the latest LEDs and highest quality materials, our LED HQ Technology ensures a virtually unlimited working life (>20,000 hours). Additionally, rechargeable batteries last longer due to the increased operating time and the reduced number of charging cycles.



EXACT BRIGHTNESS CONTROL

For proper brightness control and flexibility we've adapted the rheostat to accommodate for the unique characteristics of LED technology.



HOMOGENEITY

To be able to discern even the slightest alterations of the retina, a homogeneous, distortion-free illumination of the field of view is important. The optics and illumination system of the OMEGA 500 have always been known for this feature, and the new LED HQ is no exception.

Contact Walman today to learn more about HEINE Quality and LED HQ.



INDIRECT OPHTHALMOSCOPES



HEINE OMEGA® 500 LED

The Omega 500 weighs only 450g! The new XHL Xenon Halogen Technology bulb produces less reflexes off the cornea. Enhanced variable pupil function allows for the precise, synchronized selection of observation and illumination optics.

HEINE OMEGA 500 LED CONVERSION



HEINE OMEGA® 500 LED UNPLUGGED

The UNPLUGGED Power Source offers 100% freedom of movement, with no cable restrictions. The lightweight battery has exclusive features like a LED charge level indicator, a Polymer battery, and advanced circuitry have earned the UNPLUGGED the UL safety mark—The only head worn battery that meets this safety standard.



HEINE OMEGA® 500 WITH DV1 DIGITAL VIDEO CAMERA

High-resolution digital imaging of the fundus. NEW: 5 megapixel resolution. Capable of capturing high-resolution videos or still shots of examinations. No disturbing picture noise due to increased light sensitivity of the camera — also suitable for the examination of premature babies. Perfect for sharing the examiner's view with a wider audience, educating patients on the diagnosis, recording techniques for presentations, and patient records.



HEINE SIGMA® 250 INDIRECT OPHTHALMOSCOPE

The goal was to design an instrument that would provide the most precise examination with exceptional comfort. With a weight of 110 g and precision HEINE optics with LED HQ illumination for crisp, high resolution images, the SIGMA250 exceeds our initial goals. Endless flexibility and compact design.



WELCH ALLYN 125

Designed to offer a greater field of view and precise binocular viewing. It provides true small-pupil capability by converging the illumination and visual pathways closer together. The BIO comes with a choice of diffuser or yellow (amber) filters.



KEELER ALL PUPIL II

For those difficult examinations when more light intensity is required, All Pupil II provides exceptional brightness along with enclosed KeeView coated optics guaranteeing bright, clear retinal images. A single lever changes aperture size to view through all pupil sizes.



KEELER WIRELESS ALL PUPIL II SLIM LINE CONVERTIBLE

Keeler Patented Wireless Technology provides: Freedom to move from room to room. Freedom to examine your patients without restraints. Up to two hour continuous use. Quick recharge time of two hours. Comfortable, lightweight and perfectly balanced. Desktop or wall mountable. Backup lithium battery available. Combine wireless technology with the world leading brand optics to achieve maximum performance every time.



KEELER VANTAGE "PLUS"

The (IOS) mechanism (patent pending) means that when you select the small, medium or large aperture the optics automatically adjust, providing 3 dimensional stereoscopic views of the retina through all pupil sizes.



KEELER WIRELESS VANTAGE "PLUS" SLIM LINE CONVERTIBLE

Our new LED adds longer life and a brighter light. The (IOS) mechanism (patent pending) means that when you select the small, medium or large aperture the optics automatically adjust, providing 3 dimensional stereoscopic views of the retina through all pupil sizes.



KEELER WIRELESS VANTAGE "PLUS" LED DIGITAL

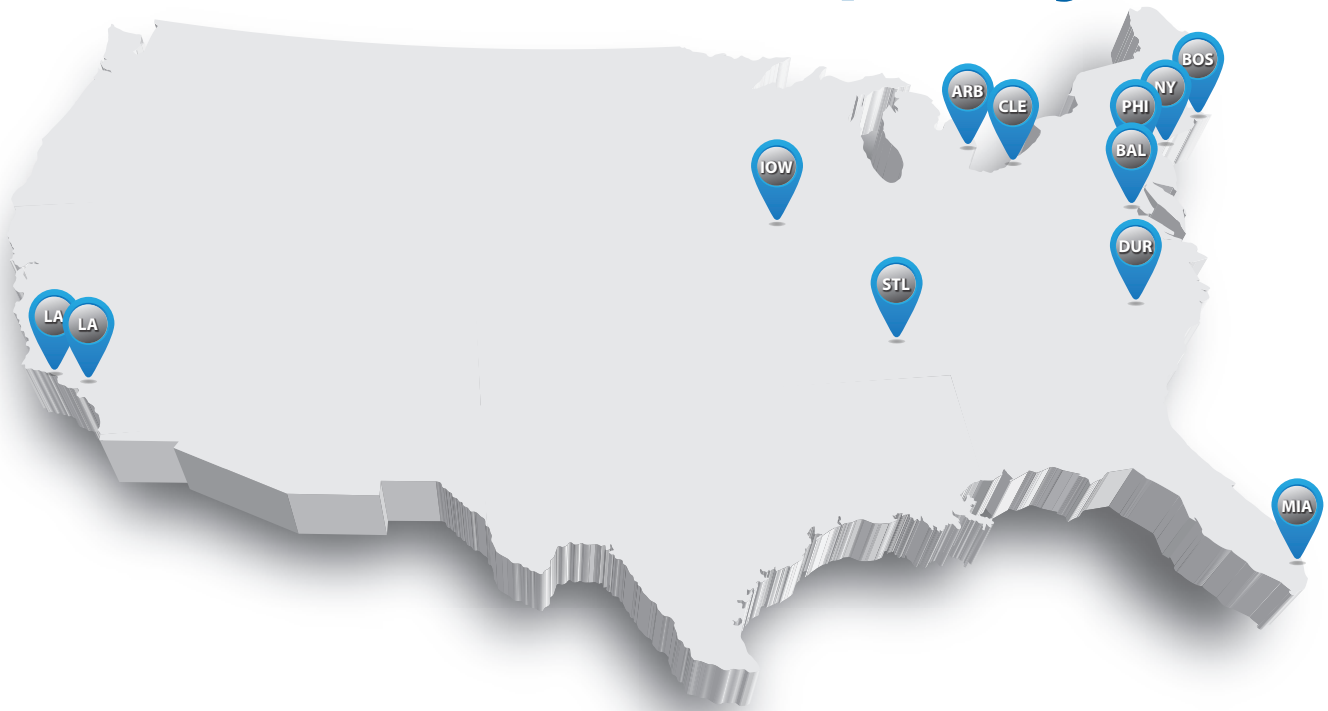
World leader in binocular indirect technology we lead the way again with the first digital binocular indirect system. The intuitive Keeler Software allows you to use your laptop or any USB interface to optimize the examination and provide still or dynamic images, which aid in the documentation and diagnosis of your patient.



KEELER SPECTRA IRIS

Spectra Iris has been specifically designed as a compact, lightweight and portable indirect. Plus now, just like the iris in your eye, you can adjust the size of the aperture at the touch of a slider.

Great Company



Where will you find Keeler's Vantage Plus?
Easy...the top 12 ophthalmology centers in the US*.



Keeler Vantage Plus

- Intelligent Optics for superior views (US Patent: 8,132,915)
- HiMag™ Lens for detailed magnified views
- Convertible Illumination LED and Xenon
- Lightest Wireless System

Keeler
OPTICS

*Top-ranked hospitals for ophthalmology –
Source: U.S. News & World Report



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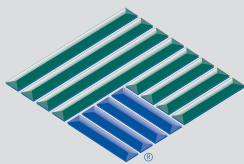
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HAND INSTRUMENTS



WELCH ALLYN 11720 OPHTHALMOSCOPE

Halogen illumination with coaxial optics produce a shadow-free spot, easier entry into undilated pupils, and a larger field of view. Polarizing filter virtually eliminates corneal reflection. 18 unique aperture/filter combinations for greater versatility. Sealed optics keep out dust and dirt for years of maintenance-free operation. 28 focusing lenses with a range of -25 to +40 diopters.



WELCH ALLYN 11735 OPHTHALMOSCOPE

Coaxial-Plus optical system offers precise lamp filament and optical alignment for enhanced visibility and uniform illumination. Features 68 lenses with instant readout of actual diopter level, and a new selection of filters, including red-free and neutral.



WELCH ALLYN 18245 RETINOSCOPE

The outstanding user-friendly design of the Welch Allyn retinoscopes combines with the brightest light output in the industry to make for the easiest and fastest objective refractions.



WELCH ALLYN 41100 TRANSILLUMINATOR

Halogen HPX lamp provides 30% brighter light, fiber optic transmission, fully sterilizable w/ steam, water, gas and solution. Optional cobalt filter.



WELCH ALLYN PANOPTIC OPHTHALMOSCOPE

Axial PointSource™ Optics makes it easier to enter small pupils and provides a dramatically wider, more panoramic view of the fundus that's 5X larger than ever before achieved with a standard ophthalmoscope in an undilated eye.



WELCH ALLYN iEXAMINER

The new Welch Allyn iExaminer turns the PanOptic Ophthalmoscope into a mobile digital imaging device allowing you to view and take pictures of the eye like you've never done before.



WELCH ALLYN 2 WELL DESK CHARGER

Advanced circuitry for constant automatic safe charging and optimum lamp performance and life. Compact for convenience and mobility. Optional wall mount kit for permanently mounting to wall or cabinet.



HAND INSTRUMENTS



HEINE BETA®200 LED OPHTHALMOSCOPE

Exclusive dust proof design protects the precision optical components and ensures maintenance-free operation. The BETA200 / 200 S Ophthalmoscopes are the only instruments with an aluminum frame system. No need to ever replace bulbs. Maintenance-free for a lifetime.



HEINE BETA 200 RETINOSCOPE

To ensure the brightest streak possible, HEINE has combined the power of advanced 3.5V XHL Xenon bulb technology, the latest in multi-coated optics, and our exclusive Integrated Polarizing Filter (which eliminates all internal reflexes, stray light, and secondary images without reducing illumination). The result—quick and easy detection of the neutralization point.



HEINE FINOFF TRANSILLUMINATOR

Colbalt blue filter accessory, available w/ AV connector or Twist lock to match existing handles.



HEINE LAMBDA 100 RETINOMETER

For highly-accurate assessment of potential visual acuity of eyes with cataracts or other opacities. Hand-held, compact and lightweight, the Lambda Retinometer is completely portable and does not require attachment to a slit lamp. Attaches directly to standard 3.5v ophthalmoscope handle.



HEINE HAND HELD SLIT LAMP

Compact and light-weight, the portable HSL 150 is ideal for situations where a full-size slit lamp is not available or convenient.



KEELER PROFESSIONAL OPHTHALMOSCOPE

The most comprehensive diagnostic capability in any ophthalmoscope of its size. +29D to -30D lens range in 1D steps for clear and precise ocular examination. Provides a total of 20 diagnostic combinations.



KEELER PROFESSIONAL COMBI RETINOSCOPE

Keeler guarantees you more than enough light to refract even the most difficult eyes. Dual Purpose—either streak or spot with a quick change of the halogen bulb. Neutralization Check – unique double check facility to cross check neutralization. Magnetic Sleeve – 360° access to a single control for both rotation and convergence.



KEELER VISTA TRANSILLUMINATOR

Keeler Vista transilluminator for scleral transillumination.

LENSMETERS/KERATOMETERS



MARCO 101 LED MANUAL LENSMETER

LED illumination system provides efficient, consistent, illumination level and is powered by AC adapter, or D-cell batteries. Classic design with solid construction utilizing brass and stainless steel components.



S4OPTIK K1 KERATOMETER

S4Optik has improved on the standard by using current technology and time tested designs to produce this Keratometer. Obtain accurate corneal measurements quickly and easily. A built-in lens holder also allows measurement of hard contact lenses. One position instrument. Measure both meridians without changing optical system. Allows subjective review of corneal surface. Measurement dials provide both diopter and millimeter values. Sturdy construction for extended lifetime.



TOMEY TL-100

Automated features at a manual price. The TL-100 performs readings automatically, quickly and accurately. Backlit display is clear and easy-to-read, even in dim light.



TOMEY TL-2000C & 3000C

Automated detection of Progressive Lenses; 5.7 inch color TFT LCD with Touch Panel; Customizable shortcut buttons; Simultaneous Measurement of UV Transmittance (TL-3000C only); PD Measurement (TL-3000C only).



TOPCON LM-8/8E

Features the traditional 'AO' crosshair style target familiar to most users. The newly designed eyepiece provides less shading effect. With an easier view, the measurement procedure becomes less fatiguing. LED target means no bulbs to replace. A new cartridge type marking device makes the dot targets more noticeable, especially on A/R coated lenses.



TOPCON CL-300

Combines innovative technology with ease-of-use features including progressive lens measurement, a large color LCD monitor, a green light reading beam that enhances measurement precision and a new UV transmittance measurement function.



LENSMETERS/KERATOMETERS



TOPCON OM-4 OPHTHALMOMETER

The Topcon OM-4 Ophthalmometer is a compactly designed and easy to use instrument providing precise objective measurements of the corneal radius of curvature plus accurate measurements of the radius of curvature of contact lenses.



TOPCON EZ-200 ADVANCE

The EZ-200 Advance Automatic Lens Analyzer can automatically read lens power (sphere, cylinder, axis), recognize and measure multifocals and progressives, display far and near point distance from optical center for progressive lenses, and measure monocular and total spectacle PD!



REICHERT AL200

The AL200 is easy to use so that any member of your staff can obtain accurate lens measurements with minimal training. Can easily and accurately measure all lenses including single vision, multi-focal, and progressive addition lenses.



REICHERT LENSCHEK PLUS

The LensChek Plus incorporates all of the features you would expect in an auto lensmeter, as well as a color display, auto add-lock, built-in printer, and more. The elegant upright design fits easily into your existing workspace, while the tilting color display ensures clear glare-free viewing at any angle. Quick and accurate.



REICHERT LENSCHEK PRO

Offers a fast and easy way to accurately measure all lenses including: Single Vision, Bi-focal, Progressive, and Prism. Progressive lenses are recognized and measured automatically, with the rate of addition and diopter change graphically displayed.



REICHERT ML1 LENSOMETER

The cool-running, energy-efficient LED light source provides a clear green illumination target, and virtually maintenance-free operation. Battery operated and completely cordless, the ML1 Manual Lensometer gives you the freedom of mobility without any clutter. The ML1's low-power consumption and auto sleep feature ensure long battery life.

AUTO-REFRACTORS/KERATOMETERS/TOPOGRAPHERS



TOPCON RM-800

The RM-800 Auto Refractor features a bright, new 8.5 inch color touchscreen panel to control the main functions. Topcon systems have been renowned for their accuracy due to the proven Rotary Prism Technology.



TOPCON KR-800

The KR-800 Auto Refractor/Keratometer features a bright, new 8.5 inch color touchscreen panel to control the main functions. Topcon systems have been renowned for their accuracy due to the proven Rotary Prism Technology.



TOPCON KR-1W

The 5-in-1 KR-1W Wavefront Analyzer boasts the combined technologies of wavefront aberration, corneal topography and auto-refraction. The system features full auto-alignment, a large color touch screen, onboard evaluation software and simulated visual acuity assessment.



TOPCON KR-1

The new KR-1 Auto Kerato-Refractometer features fully automated operation with an easy to-use color touch screen that can be positioned in any direction, and a flexible layout and space saving design.



TOPCON KR-800S ELECTRONIC REFRACTOR

5-in-1 incorporates Topcon's Rotary Prism technology and features several new tests.



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- Deferred payment options
- Quick & easy credit process
- Preserve cash and credit lines
- Easier budget forecasting
- Potential tax benefits

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AUTO-REFRACTORS/KERATOMETERS/TOPOGRAPHERS



CANON RF-F2 AUTO REFRACTOR/KERATOMETER

The RK-F2 automatically aligns, acquires the readings and then moves over to the opposite eye to perform the same function using the Full Auto mode. Stores up to 10 readings per eye and requires only a 2mm pupil size.



S4OPTIK RETINOMAX 3 ARK

The World's Leading Handheld Refractor and Keratometer. NEW Auto Quick Measurement. If no measurement is made within six seconds, the unit automatically enters Quick mode. Measurement is then taken in 0.07 seconds. In Auto Quick mode, "AQ" appears on printouts.



REICHERT OPTOCHEK PLUS

The full color LCD screen, icon-based operating system, and familiar joystick controls, enable any member of your staff to make quick and accurate measurements. Measurement data can be viewed on the color screen, and results can be printed with the fast and quiet, built-in printer.



TOMEY RT-7000 ARK/TOPOGRAPHER

Three functions in one instrument. Easy & speedy touch screen alignment. 6.4 inch color TFT LCD. Diameter measurement of cornea and pupil. Corneal eccentricity index for ortho-K.



S4OPTIK SPEEDY K-2

The Speedy-K2 features a large color screen allowing expeditious alignment for new and experienced technicians alike. Precise refraction and keratometry measurements are acquired immediately when the alignment is achieved. Results can be viewed on-screen or output digitally.

AUTO-REFRACTORS/KERATOMETERS/TOPOGRAPHERS



TOMEY RC-800

Provides simple, easy measurement by the operator at an economical cost, without compromising accuracy or reliability. Functions include USB connect ability, a high-speed printer, auto shot, color touch screen and ten different languages.



TOMEY TMS-4A TOPOGRAPHER

TMS-4A features comeback with better resolution, accuracy and easy operation. Tomey's patented light cones use 25 or 31 rings, providing high resolution. The laser alignment system provides high accuracy & repeatability.



TOMEY RC-5000 ARK

Highly accurate measurement combined with short examination time and ease of use makes working with the RC-5000 both professional and quick. The advanced touch-screen display allows you to perform both refraction and keratometry automatically with one simple movement. Capture one eye on the display and the RC-5000 will do both eyes automatically. With the new features, the RC-5000 will surely make your office more efficient.



TOPCON ALADDIN

A multi-function instrument that combines a series of measurements to assist eye surgeons in the calculation of IOL power. The 9-in-1 Aladdin features Axial Length, Central Corneal Thickness, Anterior Chamber Depth, Crystalline Lens Thickness, Keratometry, Corneal Topography, Wavefront Analysis, Pupillometry, and White-to-white. Now with Toric IOL Calculator and Barrett and Olsen formulas onboard.



WELCH ALLYN SPOT VISION SCREENER

Is a handheld, portable device designed to help users quickly and easily detect vision issues on patients from 6 months of age through adult. Spot screens both eyes at once from a nonthreatening 3-foot distance.

NON-CONTACT TONOMETERS



REICHERT 7CR

A pressure measurement significantly less affected by the cornea than other methods of tonometry. The Reichert 7CR is an exciting new option for clinicians, since it is priced comparatively to competitive instruments that lack this patented feature.



TOMEY FT-1000 NCT

The touch screen / auto alignment & auto shot allows quick, consistent measuring accuracy with a very light puff that assures patients can be examined comfortably.



REICHERT PT100

The Reichert PT100 puts fast, easy, and accurate non-contact tonometry in the palm of your hand. Totally cordless, the lightweight PT100 has a long-life rechargeable battery, so it can be used on all patients wherever you need it. Featuring a user-friendly icon-based operating system and an easy to read backlit LCD. Includes wireless printer and a custom designed carrying case.



MARCO NT-510

Auto-tracking function allows the operator to instantly align and focus patient. Automeasurement function automatically takes measurements after proper alignment. ADVANCED "SOFT AIR" PUFF CONTROL Advanced air puff pulse control produces minimum necessary air pressure for comfortable patient measurement.



TOPCON CT-80

The Topcon CT-80 has been redesigned to make intraocular pressure readings easier and more comfortable than ever before. With the aid of a new alignment bar and an improved air cylinder, the interval time between measurements has been reduced by over 30%. Up to three individual measurements plus an averaged value for each eye can be printed.



KEELER INTELLIPUFF

The IntelliPuff® embodies electronic and optical technology to deliver you the speed, accuracy and ease of use you and your patients deserve. Save valuable space Pulsair IntelliPuff® uses less than 50% of the space of conventional non contact tonometers and is the only model that can be wall mounted.



OCULAR RESPONSE ANALYZER® G3

The only instrument capable of measuring Corneal Hysteresis (CH), an indication of the biomechanical properties of the cornea. The Corneal Hysteresis measurement has been shown to be consistently associated with, or predictive of, rate of glaucoma visual field progression. In addition, corneal biomechanics are the primary influence on tonometer accuracy.



CANON TX-20

When running the TX-20 Full Auto Tonometer in Full Auto mode, just press the Start button and the system automatically aligns and measures the intraocular pressure (IOP) of both eyes.



RETINAL IMAGING



CANON IMAGESPECTRUM SOFTWARE

imageSPECTRUM delivers capabilities that can help enhance patient care, including intelligent, efficient management of images. The easy-to-use interface can be used as a standalone workstation or as part of a network solution. DICOM® centric in its design, imageSPECTRUM adheres to industry standards, mitigating future obsolescence.



CANON CX-1 MYDRIATIC/ NON-MYDRIATIC

The CX-1 allows the user to take one-shot Fundus Autofluorescence (FAF) photography in a standard configuration, for both mydriatic and non-mydriatic modes. Additional modes include Color, Red-Free, Cobalt & Fluorescein Angiography (FA).



CANON CR-2 NON-MYDRIATIC

Now in a small and compact design, the Canon CR-2 Digital Non-Mydriatic Retinal Camera takes up minimal office space and, for added convenience, can be easily transported, when needed.



CANON CR-2 PLUS AF

Equipped with a Non-Mydriatic Fundus Autofluorescence (FAF) mode, the CR-2 PLUS Non-Mydriatic Retinal Camera can help the practitioner to assess and monitor the condition of the Retinal Pigment Epithelial (RPE) layer.



VOLK PICTOR PLUS

It is lightweight, weighing just 1 lb., and will shoot detailed high resolution images in daylight or darkness.



Since the launch of its first retinal camera (RC) in 1962, Kowa has been devoted to producing the most innovative optical products and integrated technology solutions in the world.

Non-Mydriatic Retinal Cameras

Kowa's extensive range of retinal cameras continue to offer incredibly high quality, high resolution imaging within a more compact, efficient, easy to use, ergonomically designed solution



Combination Retinal Cameras

The VX series provide high quality retinal imaging and advanced image analysis to support your daily practice within the ophthalmic environment.

Hand-Held Applanation Tonometer

The HA-2 applanation tonometer works on the Goldmann prism principle and uses industry standard tonometer probes. The internal spring mechanism allows accurate readings of intra-ocular pressure in any orientation, regardless of patient position or posture.



Hand-Held Portable Slit Lamp

Kowa's latest portable slit lamp, SL-17, provides optimum stereoscopic observation with selectable magnifications and slit widths within a compact, lightweight, portable unit.



Kowa American Corporation
20001 South Vermont Avenue,
Torrance, CA 90502 | U.S.A.

T: +1 (310) 327-1913
E-mail: customerservice@kowa.com
www.kowa-usa.com





RETINAL IMAGING



KOWA VX-20

In addition to the non-mydratic color, mydratic color, fluorescein angiography, red free, and auto fluorescence modes are included to allow 5-mode photography. Also the small pupil mode will allow photography of 3.5 mm pupils.



KOWA VX-10A

The VX-10a offers non-mydratic, mydratic, and FA modes with a 50° field of view in full mydratic mode.



TOPCON TRC-NW400

Fully automated, easy-to-use, auto-focus, auto-capture that is designed to obtain high resolution color images of the retina and the anterior segment of the human eye.



KOWA WX3D

1-shot capture of stereo images, view the optic nerve in 3D, standard 45° images in 2D, supports standard 3D monitors, small pupil mode—Mosaic function.



TRC-NW8F MYDRIATIC/NON-MYDRIATIC RETINAL CAMERA

The Topcon TRC-NW8F is an easy-to-use, auto focus, auto capture mydratic/non-mydratic imaging system that is designed to obtain high resolution color and monochrome images of the retina and the anterior segment.



TOPCON TRC-NW8

The Topcon TRC-NW8 Telemedicine System combines IMAGEnet® Lite, the recognized standard in fundus imaging telemedicine software, with the Topcon TRC-NW8 automated non-mydratic retinal camera to provide an easy to use telemedicine color fundus screening package.



TOPCON 3D OCT-1 MAESTRO

Combines a high resolution color non-mydratic retinal camera with the latest Spectral Domain OCT technology. Features a space-saving design with a rotating touch panel and fully automated operation (alignment, focus and capture). Also features 50K A Scans/sec and a 12mm x 9mm scan along with automated segmentation that provides measurement and topographical maps of the optic nerve and macula with Reference Database in one scan.



TOPCON TRC-50DX

Superior optics combined with the latest technological advances produce bright, clear color or fluorescein retinal images in 35mm, Polaroid, or digital formats. Field angles include 20, 35, and 50 degrees. Alignment dots aid with pre-injection positioning in fluorescein angiography.



Your wish came true.

The perfect OCT for your practice is here.

MEET THE MAESTRO.

With its space-saving design, fully automated operation, built-in non-mydriatic fundus camera, 50K A Scans/sec, and wide 12x9mm scan that captures the optic nerve and macula in one scan—the MAESTRO is everything you've been wishing for and then some. No wonder it's one of the best selling SD OCTs in the world.

Simple, precise and surprisingly affordable. Learn more at newsgram.topconmedical.com/maestro.



**Walman
Instruments**
is now a
national authorized
distributor.



Octopus 600



Reliance



Haag-Streit



Octopus 900

Perfect Vision.

Haag-Streit vision spans more than 150 years. Our goal is simple: to develop ever more useful tools for the precise understanding of the human eye. At Haag-Streit, you will see the future clearly.



PERIMETERS



HAAG-STREIT OCTOPUS 900 SERIES

The Octopus 900 uses a full-size Goldmann spherical cupola which covers the entire 90 degree visual field area. Whether you need fast screenings, early detection, general thresholding or kinetic testing, the 900 provides astounding flexibility.



HAAG-STREIT OCTOPUS 600

A perfect team: Early diagnosis and standard white-on-white perimetry in one device. The Octopus® 600 extends the successful Haag-Streit product range of visual field analysers combining the Pulsar method for early glaucoma detection and standard white-on-white perimetry for long term follow-up in one compact and standalone device. It is the first visual field analyser that performs standard white-on-white perimetry on an integrated flicker-free screen, using TFT and LED technology.



HAAG-STREIT OCTOPUS 300 SERIES

Designed around the patented Interzeag direct projection system, the Octopus 300 has defined the next level in the practice of perimetry. Ideal for routine screening and threshold examinations. Capacity for further tests including Flicker and Color perimetry, Pupillometry and more.



KOWA AP-7000

The new Kowa AP-7000 provides a diverse range of functions and capabilities. It has new technology and features to maximize the accuracy and efficiency of your periphery testing. The AP-7000 performs standard kinetic perimetry as well as fundus oriented perimetry.



HAAG-STREIT EYESUITE SOFTWARE

Allows you unprecedented control over how you view and analyze your data. This flexibility extends to several forms of progression analysis

A/B SCANS/PACHYMETERS



PACHMATE 2

Turn on power and the Pachmate 2 is ready to take measurements. Contact the probe tip to any location on the cornea, the Pachmate 2 will obtain and store up to 25 measurements in a fraction of a second. After the bilateral measurements have been completed, the measurements can be viewed on the 16 character by 2 line LCD which provides easy visibility of the current measurement, the average, and the standard deviation of all measurements taken.

*Bluetooth module installed.



TOMEY SP-100 HANDY PACHYMETER

Not too big. Not too small. Just the size you need. The SP-100 is only 19 oz. and is the best equipment to measure central corneal thickness. Unlike the pen style which is easily lost, the SP-100 is comfortably held with one hand and is more portable than the larger models. Features IOP calculations and build in printer.



DGH 6000

Combines the accuracy of DGHs proven A-Scan pattern recognition program with the processing power, data storage and connectivity advantages of a personal computer.



DGH 8000

The Scanmate is a self-contained, portable, multiple mode B-scan ultrasound imaging system. When interfaced with virtually any computer* via a USB 2.0 port, the Scanmate produces high quality images at a very affordable price.



REICHERT iPAC

Bluetooth Wireless Connectivity, One button Control, Rotating Color LCD & Advance Battery Technology are a few of the features that make the Reichert iPac the most advanced hand held pachymeter available.



PACHETTE 4

Contact the probe tip to any location on the cornea, and the Pachette 4 will obtain and store up to 25 measurements in less than 2 seconds. Audible feedback indicates when a valid measurement is complete. After bilateral pachymetry measurements have been completed, the measurements can be reviewed on the 16 character by 2 line LCD.



A/B SCANS/PACHYMETERS



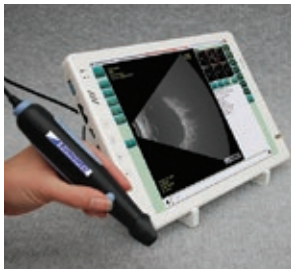
SONOMED 300AP+ A-SCAN/ PACHYMETER

Large color touch-screen, on-board memory and USB interface for EMR archiving, up to nine IOL formulas including three for post-refractive cases, immersion capability, and built-in probe storage and printer. Available with or without pachymeter option.



SONOMED VuPAD

An innovation in ultrasound you can see and touch. The revolutionary new VuPad™ delivers exceptional image quality in a tablet-like ergonomic package.



MASTER-VU B SCAN

Portable Ophthalmic B-Scan. Most portable "B-scan" available. Resolution: 0.1 mm (Electronic resolution: 0.015), Advanced post-processing tools. On probe activation switch. Immediate user productivity. Sealed probe includes all electronics and transducer.



SONOMED VU MAX II

Widely regarded as the gold standard of ultrasound biomicroscopy (UBM). The VuMAX™ provides superior image quality allowing clear visualization and analysis of structures, including dynamic motion such as lens accommodation.



TOMEY AL-100 A-SCAN

Tone-assisted measurement notifies the operator when the probe is aligned and measurements recorded. The AL-100 takes up to 15 readings, and displays and averages the best ten (10) readings for use in the IOL calculation. The AL-100 measures axial lengths from 15-40 mm with an accuracy of ± 0.1 mm and a resolution of 0.01 mm.



TOMEY UD-8000

The UD 8000 provides ease of operation with its performance accuracy for optometrists and ophthalmologists alike with the incorporation of intuitive touch-screen operation including video recording and analysis function.

MICROSCOPES



TOMEY EM-3000 SPECULAR MICROSCOPE

Easy photographing using the touch alignment function. Serial photographs of 15 shots. Wide photographing range and 7 capturing positions. Quick and automatic analysis of corneal endothelium cells.



TOPCON OMS-90 OPERATION MICROSCOPE

The OMS-90 Operation Microscope is the new standard in versatile microsurgery. It features a water-repellent coated objective lens, new coaxial illumination, a PD adjustment knob, and five-step magnification.



KEELER CRYOMATIC MKII

Keeler has been supplying reliable Cryo Systems since 1966. The Cryomatic goes from room temperature to -80F and back in 1.8 seconds. It has a push button to disconnect the probe (no bleeding) and on screen gas level indicator.



RELIANCE 710 PROCEDURE CHAIR

The Reliance 710 procedure chair features a power base & top, dual side rotation locks, auto return and a memory positioning switch that enables you to pre-select the chair's most used position and a variety of headrest options.



MARCO SURGISCOPE 3

Simple, compact design with the uncompromising optical quality necessary for microsurgical techniques. Features include a built-in three-step magnification drum, motorized focusing, dual halogen lamp system, and a variety of optional accessories. Documentation is also possible with available video and 35mm camera kits. Mounting options include wall mount, table mount, unit mount or floor stand.



TOPCON SP-1P SPECULAR MICROSCOPE

Designed to photograph and analyze the corneal endothelium, the fully automated SP-1P with "Panorama" function can capture an area 2.6 times larger than the conventional capture field. Its compact footprint and rotatable control panel save time and space. The incorporated firmware provides cell density, corneal thickness, percentage of hexagonality and more.



DISPOSABLE CRYO PROBE

The single use sterile retinal cryo probe is the perfect answer when a sterile probe is demanded at short notice. 10 probes per pack, adapter required.



RELIANCE 500 SERIES STOOLS

Adjusts hands free. A convenient foot pedal raises or lowers the stool. Seat adjustment Lock stool seat swivel by lifting foot pedal. Choice of three heights Standard height elevates from 17 to 25" above the floor. Medium seat height for surgical use is 20-1/2 to 28". High seat height is 24 to 31-1/2".



SURGICAL LOUPES



STORZ

We carry a full line of Storz products which is your link to instruments designed for safety, consistency and convenience.



FOREIGN BODY KIT

Complete with Alger Brush Rust Ring Remover, Golf Club Spud, Barraquer Cilia Forceps, Barraquer Wire Speculum, Bishop-Harmon Anterior Chamber Irrigator & Case.



HEINE HR-C SERIES LOUPES

The Heine C-series loupes offer extremely light-weight, crisp views, and quality German construction in an affordable instrument. 2.3X magnification with either a 450mm (18 in.) or 340mm (13in.) working distance. Independently adjustable PD control ensures precise alignment of optics.



HEINE HR LOUPES

The Galilean loupe with advanced High Resolution (HR) technology for crisp, bright images with a super-wide, super deep field of view. 2X or 2.5X magnification options with 340mm (13in.), 420mm (16in.), or 520mm (20in.) working distances available.



HEINE HRP LOUPES

Only the top quality, precision ground glass prisms are used to provide the highest resolution and clearest, crispest images that cover the entire field of view "edge-to-edge". Frame or headband (recommended) mount. Independently adjustable optics. Choose 3.5X, 4X, or 6X magnification.



KEELER SUPER VU SL SYSTEM

A Galilean optical system encased in a metal alloy shell. The SL provides the widest field of view and excellent working depth. Available in 2.0, 2.5 and 3.0x magnification.



KEELER SUPER VU XL SYSTEM

A prismatic system designed specifically for the US market, the XL combines 5 lenses and a prism to deliver higher levels of magnification, superb color rendition and clarity. Available in 2.5, 3.5, 4.5, and 5.5x magnification.



WELCH ALLYN PRO BP3400

Hospital-grade SureBP™ technology enables fast, accurate 15-second blood pressure readings. USB-wired technology enables connectivity to select EMR/HIS systems, lithium ion battery technology delivers 100 readings on a single charge.

TABLES



WALMAN ET185

Features motorized height adjustment, elevation range of 25.5" - 34.5", table top size 15.5" x 23.5", and locking carpet casters.



TOPCON AIT-16

The new AIT-16 offers 20 mm of additional height adjustment range, has two convenience outlets, and locking castors to secure the table. The H pattern base will work perfectly for most any application. Use a double or single table top to support your instruments.



TOPCON AIT-W1

The AIT-W1 Instrument Table fits flush against the wall and can be accessed from the front and both sides, providing wheelchair accessibility, saving space and facilitating the use of ophthalmic instruments. It can hold one instrument.



TOPCON AIT-W2

The AIT-W2 Instrument Table fits flush against the wall and can be accessed from the front and both sides, providing wheelchair accessibility, saving space and facilitating the use of ophthalmic instruments. It can hold two instruments.



TOPCON AIT-250

Wheelchair accessible instrument table supports two instruments and up to 400 lbs. Features a wide range of table-top travel and two incorporated power outlets. Table height is fully adjustable with synchronized table legs. Comes standard with two programmable memory height and user positions and an anti-squeeze safety switch.



TOPCON AIT-350

Wheelchair accessible instrument table supports three instruments and up to 400 lbs. Features a wide range of tabletop travel and four incorporated power outlets. Table height is fully adjustable with synchronized table legs. Comes standard with two programmable memory height and user positions and an anti-squeeze safety switch.



EXAM ROOM DESKS/ELECTRONICS



VARITRONICS AUTOSWITCH ROOMLIGHT CONTROL SYSTEM

A unique electronic system you program to automatically adjust room and fixation lighting, power your hand instruments, and control the slit lamp and indirect ophthalmoscope.



VARITRONICS CS2000 CALL SYSTEM

Designed to maximize and modernize your practice's traffic flow and communications through giving key personnel all the information they need to instantly locate everyone.

TOPCON EXAM 5000 SYSTEM

Automated diagnostic technology, combined with ultra-space-efficient engineering and clean, contemporary styling, make the new Topcon EXAM-5000 Computerized Refraction System the perfect choice for today's (and tomorrow's) highly competitive practice environments.



LENSES



HAAG-STREIT 3-MIRROR (0100.0903)

The best known (and most copied) of the Haag-Streit range of diagnostic lenses, "903" is the original Goldmann three-mirror lens, offering the traditional 59 degree, 66 degree and 73 degree angles. Also available in designs for infants and pediatrics.



HAAG-STREIT FUNDUS (0100.0901)

For the binocular slit observation of the pupil, the macula, its surroundings out to 30 degrees, as well as the central vitreous body sections.



OCULAR 3-MIRROR (OG3M)

The classic "Goldmann" type lens has three mirrors to permit viewing of the fundus and anterior chamber. The posterior pole is viewed through the center of the lens. Many heights and diameters available.



OCULAR FUNDUS LASER (OGFA)

This "Goldmann" type fundus lens provides clear visualization of the posterior pole. A 100 micron laser spot size yields a 108 micron spot on the retina.



OCULAR MAINSTER STANDARD (OMRAS)

Designed for focal and grid laser treatment from the posterior pole to the mid-periphery. Excellent for diagnosis and treatment of macular edema, branch retinal vein occlusion, choroidal neovascularization in aging macular degeneration, and presumed ocular histoplasmosis. High resolution, high magnification image allows appreciation of subtle intra-retinal details and retinal thickening.



OCULAR MAINSTER WIDE FIELD (OMRAWF)

For panretinal photocoagulation in proliferative diabetic retinopathy. Excellent ophthalmoscopic resolution. Image binocularity across the entire field of view. Allows a very wide range of slit lamp magnifications to be used.



OCULAR ABRAHAM IRIDECTOMY (OAIA)

A 66D magnifying lens for viewing and treating the patient's iris. The power density of the laser beam at the iris is increased 2.5x compared with a flat lens. A 50 micron spot size setting yields 31 micron spot size on the iris. Protects against superficial corneal burns and provides additional safety by reducing the power density at the cornea and retina by 2.8x.



OCULAR ABRAHAM CAPSULOTOMY (OAYA)

Stabilizes the patient's eye and minimizes the possibility of pitting the IOL during ND:YAG laser capsulotomy. A 10mm diameter, 66D magnifying button in the center of the lens enhances visualization and allows precise laser focus on the posterior capsule.



LENSES



OCULAR POSNER 4-MIRROR (OPDSG2)

Four 64 degree mirrors for complete anterior chamber angle viewing with minimal lens rotation. Choice of three handles (Round, Octagonal, Ergonomic) set at 35 degrees for ease of use.



OCULAR SUSSMAN 4-MIRROR (OS4M)

Four 64 degree mirrors for complete anterior chamber angle viewing with minimum rotation. Directly handheld for easy viewing and stability. Choice of large or small holding ring.



VOLK 20D (V20LC)

Advanced double-aspheric design maintains linear image magnification and perfect image clarity across the entire field of view for unsurpassed fundus examination.



VOLK 28D (V28LC)

An improved optical design with a conventional 28D diameter and field. Provides exceptional resolution and fundus scanning capability. Optional yellow filter available.



VOLK 30D (V30LC)

Ideal optical design for Small pupil diagnosis & treatment, Double aspheric glass optics provide enhanced imaging, Optimized field of view provides full retinal image during a slit lamp examination.



VOLK 2.2 PAN RETINAL (VPRC)

The PanRetinal 2.2 uniquely combines magnification nearly that of the 20D lens with a field of view approaching that of a 30D lens. Excellent for virtually every examination procedure, including small pupils examinations.



VOLK DIGITAL CLEAR MAG (VDGTLCM)

Advanced patented double aspheric design provides high magnification imaging previously unattainable with the indirect method of examination. Low dispersion™ glass delivers enhanced resolution. Advanced A/R coating minimizes reflections and glare.



VOLK DIGITAL CLEAR FIELD (VDGTLCF)

Low dispersion glass delivers enhanced resolution, Advanced AR coating minimizes reflection and glare, highest resolution for Pan Retinal Indirect Ophthalmoscopy Examinations.

LENSES



VOLK 60D (v60c)

This double aspheric lens provides high magnification views of the posterior pole during a slit lamp examination.



VOLK V78D (v78c)

An excellent general diagnostic and laser treatment lens offering an ideal .93x image magnification and wide 97 degree dynamic field of view.



VOLK 90D (v90c)

The original Volk 90D lens started the slit lamp examination revolution! A small 26mm diameter ring design which is outstanding for dynamic funduscopy. Good small pupil capability making it ideal for a quick look at the posterior pole.



VOLK SUPER 66 (vs66)

Specifically designed for high resolution/high magnification viewing of the central retina. Excellent for evaluating neovascularization of the disc and optic nerve head contour in glaucomatous patients.



VOLK SUPERFIELD NC (VSFNC)

Featuring an ideal .76x magnification and wide field of view, the SuperField NC is the perfect primary high resolution slit lamp fundus diagnosis lens. Specifically designed for increased working distance from the cornea.



VOLK DIGITAL WIDE FIELD (VDGTLWF)

The Digital Wide Field Lens combines exceptional wide field views and high magnification. The enhanced double aspheric design and multi-layer coating provide high resolution stereo views of the retina through a small pupil, with minimal reflections. These unique features make it ideal for general diagnosis and documentation of slit lamp images.



VOLK DIGITAL HIGH MAG (VDGTLHM)

The astonishing detail allows true 3D viewing of the retina making it an excellent tool to diagnose glaucoma in its earliest stages. High Magnification (1.3x) provides topographical views of the peripapillary nerve fiber layer. Outstanding stereopsis allows detection of optic disc swelling and cupping or serous macular fluid. Optimized A/R coating minimizes reflections and glare.



VOLK 3-MIRROR (V3MIR)

Ideal for anterior chamber, as well as central and peripheral viewing and treatment. The retinal viewing mirrors are accurately angled to eliminate "gaps" in the visualized fundus. 3 models to choose from.



LENSES



VOLK 3-MIRROR (VG3NF)

All Glass design provides superior clarity and durability compare to acrylic lenses, designed for viewing and treatment of the anterior chamber and peripheral fundus.



VOLK 4-MIRROR W/ HANDLE (VG4HAN2)

No fluid design features a small 8mm contact surface that's ideal for both static and dynamic gonioscopy while eliminating the need for viscous interface solutions such as methylcellulose. Four NF models available.



VOLK 4-MIRROR W/ LARGE RING (VG4LNF)

No-Fluid design features a small 8mm radius contact surface that's ideal for both static and dynamic gonioscopy while eliminating the need for viscous interface solutions such as methylcellulose. Four NF models available.



VOLK ABRAHAM CAPSULOTOMY (OAYA)

Stabilizes the patient's eye and minimizes the possibility of pitting the IOL during ND:YAG laser capsulotomy. A 10mm diameter, 66D magnifying button in the center of the lens enhances visualization and allows precise laser focus on the posterior capsule.



VOLK 4-MIRROR (VG4)

All Glass Design Provides Superior Clarity and Durability compared to Acrylic Lenses. Primary Application: Standard Gonio Lens for Static and Dynamic Gonioscopy.



VOLK 4-MIRROR HIGH MAG (VG4HMLNF)

This increased magnification (1.5x) Gonio lens will enable finest details. 4 equally angled mirrors (64°) provide a complete 360° view of the anterior chamber with slight rotation. Available in 3 styles, 25.5mm or 29mm ring options or the versatile 2-in-1 handle can be angled in 2 positions (straight or 45°) for ease of use. No flange (nf) design does not require interface solution.



VOLK AREA CENTRALIS (VAC)

Primary Application: High Magnification, Viewing and Treatment of the Posterior Pole. Ideal for Focal Grid Laser Treatment.



VOLK ABRAHAM IRIDECTOMY (OAI)

A 66D magnifying lens for viewing and treating the patient's iris. The power density of the laser beam at the iris is increased 2.5x compared with a flat lens. A 50 micron spot size setting yields 31 micron spot size on the iris. Protects against superficial corneal burns and provides additional safety by reducing the power density at the cornea and retina by 2.8x.

LENSES/TRIAL LENSES



VOLK HIGH RESOLUTION WIDE FIELD (VHRWF)

For extreme wide field examination and Laser PRP treatment. Low profile, reduced size housing simplifies manipulation within the orbit. Superb upgrade or replacement for the Rodenstock pan retinal lens.



VOLK QUADRASPHERIC (VQFL)

Excellent general diagnostic and laser treatment lens designed for high resolution imaging of the peripheral retina with small pupil capability.



VOLK (SLT)

Designed specifically for Chamber Angle Examination and Selective Laser Trabeculoplasty procedures.



VOLK SUPER QUAD 160 (VSQUAD160)

Delivers the widest field of view of any lens ever produced. Its .5x image magnification provides simultaneous visualization of the posterior pole to the peripheral retina, providing a greater margin of safety during pan retinal photocoagulation.



VOLK (POLC1)

Volk Lens Cleaner



MARCO PERIMETER TRIAL SET

Primarily produced for field machine use, the perimeter trial lens set consists of a more modest selection of the same quality Full Diameter lenses. 68 lenses, one each in select powers. Specify +cyl(8018) or -cyl(8019).



MARCO FULL DIAMETER 43-6MS STUDENT

Offers a more even distribution of bi-convex and bi-concave lenses, from lower to higher power. Metal rims to ensure strength and stability, satin-finish handles with the lens power engraved on both sides, and square and round handles to visually indicate plus or minus power. Comes standard with carrying case and hard-composite lens tray for easy cleaning and maintenance.



MARCO CUSTOM DELUXE TRIAL SET

Corrected curve meniscus convex and concave color-coded lenses. Precision ground lenses, 18mm, 25mm diameter in standard 38mm anodized aluminum mounts. Large, high-impact plastic tray with detachable cylinder trays. Specify +cyl (7008), -cyl (7009), or both +/-cyl (7007).



TRIAL LENSES/FRAMES



MARCO TRIAL FRAME

Provides fingertip control of complete range of adjustments. Holds four 1-1/2" trial lens rings; correct cell spacing insures additive powers results. Built-in, angled corneal aligning sights. Lightweight, all-aluminum unit.



OCULAR CHILD 1/2 TRIAL FRAME

Children's trial frame, made of plastic and light metal, drop-cell type for 3 prs. of lenses @ 38mm. Adjustable PD 54-58mm, adjustable temple length, fixed bridge.



REICHERT TRIAL FRAME

Lightweight Trial Frame, provides a comfortable fit and smooth controls for quick, easy lens fitting.



REICHERT TRIAL SET

Full-view lenses with polished metal rims, robust materials and quality craftsmanship for years of reliable performance, elegant carrying case.



TOPCON FULL DIAMETER TRIAL SET

Includes 35 pairs minus spheres, 35 pairs plus spheres, 17 pairs of cylinders, 12 prisms, and 6 miscellaneous lenses.



TOPCON DELUXE TRIAL SET

Exact correction reads directly from the lenses in trial frame as each lens compensates for thickness, air spacing, and position. Sturdy, lightweight aluminum, color-coded rings. Available in -cyl, +cyl, and both +and-cyl. Case included.



TOPCON TRIAL FRAME

All-metal, durable construction. Light-weight for patient comfort. Screw thread design allows for easy replacement of springs and other component. Horizontal/vertical adjustments, monocular PD, spring-loaded temple hinges.



WALMAN PERIMETER TRIAL SET

Full diameter lenses, Metal rims, but more select group of lenses for portability or perimetry work.



WALMAN FULL DIAMETER TRIAL SET

Full Diameter, Plus and Minus Cylinder Lens Set.



WALMAN TRIAL FRAME

This all-aluminum trial frame provides lightweight comfort for the patient and fingertip control of a full range of adjustments for the operator.

DIAGNOSTIC/SCREENING AIDS



ALGERBRUSH (BR2-5)

Corneal rust ring remover. Slow-turning motor and high-quality precision burr. Uses 1AA battery. Dry heat sterilization on tips only. Replace burrs available in 1mm and .5mm.



AMSLER CHART MANUAL (2215P1034)

The "standard" and the only approved version available. Information gained from this easy to use series adds considerably to the knowledge of the quality of central vision disturbances in a patient. Seven test charts are included in the booklet which will reveal the presence of scotomata, metamorphopsia and maculopathy.



MARCO BAT LED

The Marco BAT is a simple hand-held device that conveniently measures the effects of glare without leaving the exam room. The NEW modular, solid-state design accommodates most standard rechargeable handles, with recharging easily accomplished via an instrument stand well.



STEREO OPTEC VISION TESTER

SIMPLE TEST ADMINISTRATION in less than 5 minutes. MANUAL or remote control models available. Two separate lens systems for accurate distance and near (bifocal) testing. Optional Peripheral testing at 85, 70, 55 degrees temporal and nasal. Optional Radial Glare test allows for reproducible patient testing under standardized glare conditions.



ISHIHARA

Simple and accurate method for discovering congenital color blindness of two types; total color blindness and red-green blindness, each in two forms, complete and incomplete. Includes four special plates for tests to determine the kind and degree of defect in color vision. 14, 24, or 38 plates available.



DISTOMETER

Designed to accurately measure the vertex distance between the apex of the cornea and real surface of the trial lens or the inside surface of the spectacle Rx lens.



WALMAN DUST COVERS

Quality, custom cloth dust covers for most all of your instruments.



WALMAN 573-OMI MIRROR SET

High quality mirrors attractively framed in oak.



DIAGNOSTIC/SCREENING AIDS



MARCO PRISM EXOPHTHALMOMETER (1102)

Designed for accuracy and simplicity in the measurement of the exophthalmos. Prisms are made of clear plastic with easy-to-read millimeter lines on both sides. Silver hammer-tone finish and comes complete with storage case.



EYE CHARTS

Snellen Eye Chart With green and red color bars. Size: 22" x 11". b) Illiterate Eye Chart With green and red color bars. Size: 22" x 11". c) Kindergarten Eye Chart Shows easy to distinguish objects. Size: 22" x 11". d) 10' Test Plastic finish, printed on one side. 10/100 to 10/8. Size: 14" x 9".



ROSENBAUM POCKET VISION SCREENER (SC-8505)

Rosenbaum Card fits in the pocket (3.5" by 6.5") and shows Point, Jaeger and distant equivalents from 20/800 to 20/20.



WORTH 4-DOT (15308)

A two way switch providing crisp continuous illumination, or "on demand" illumination at the push of a button. Compact and portable, the Worth 4 Dot is ideal for near point testing.



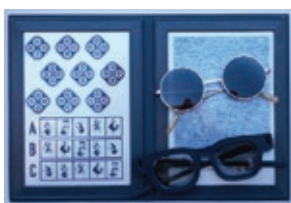
TITMUS V-SERIES VISION SCREENERS

As the market leader, Sperian has taken the best of TitmusSeries and Model 2 to create these ergonomically-designed, precision—built stereoscopic instruments providing precise and prompt measurement of visual performance. V4 with a remote or V2 without a remote.



LONG HANDLED BLACK OCCLUDER (12112)

Standard 25cm Occluders are cupped to a 70mm radius.



STEREO FLY (SO-001)

Recognized as the standard for Stereo Depth Perception testing. This test evaluates both gross and fine depth perception. Stereopsis from 3500 to 40 sec of ARC. Butterfly, Randot, Random Dot E



LORGNETTE OCCLUDER (10015)

This occluder is held by the patient thus leaving the practitioner's hands free. Suitable for any age. Attached multiple pinhole flips down easily. Made of durable high-impact plastic.

DIAGNOSTIC/SCREENING AIDS



PRISM SET

Long Plastic Prism set is calibrated for superior performance and accuracy. Includes multiple sizes and red lens. Provided in a durable case.



POST MYDRIATIC CHILDRENS SPEC W/TEMPLES (64201-PM)

These inexpensive, yet comfortable post-examination spectacles screen out harmful UV rays. They are beneficial to the aphakic eye, while the side shields provide added comfort to the patient. Individually packed in poly-bag 50 per box.



PRISM BAR

Prism bars are made of extremely high quality plastic, which are optically clear. The prism bars are available in various horizontal or vertical configurations, in diopter or degree ranges and sizes.



POST MYDRIATIC SPEC (67101-MOD), ADULT W/TEMPLE (66201-PM), LARGE SLIP IN (61101-TS)

Inexpensive temple slip-ins are great for temporary relief from the sun. They offer comfort for the aphakic patient. Available in regular and child size to fit most frames. Smoke grey only. Individually packed in poly-bag 50 per box. These come in two sizes Regular and Large.



REICHERT PUPILOMETER (15020)

The PDM utilizes the latest technology for measuring interpupillary distance and left/right pupil-to-nose distance. Lightweight and easy-to-use, the PDM provides accurate and repeatable PD measurements.



RETINOSCOPY

Retinoscopy Racks provide a rapid means to arrive at a patient's objective refraction prescription, including sphere, astigmatism, and axis. They help save time in refractions of both adults and children.



WALMAN PUPILOMETER

Measures monocular or binocular pupillary distance at the reflecting point of the cornea. LED illumination dramatically extends the battery life. The brightness of the LED is adjustable. Auto shut-off time is adjustable from .5-3 minutes.

BULBS AND BATTERIES



HEINE X-02.88.070
(Beta 200)
Ophthalmoscope



HEINE X-02.88.072
(200TL)
Ophthalmoscope



KEELER 1011P7034
Ophthalmoscope



WELCH ALLYN 03000-U
(610/710)
Ophthalmoscope



WELCH ALLYN 03800-U
(Pan Optic)
Ophthalmoscope



WELCH ALLYN 04900-U
(620/720)
Ophthalmoscope



HEINE X-04.88.068
(Omega 150/180) Indirect



HEINE X-04.88.104
(Omega 500) Indirect



HEINE X-04.88.111
(Omega 500)
Indirect Unplugged



HEINE X-04.88.093
(Sigma 150) Indirect



KEELER 1012P7000
(Fison 18V) Indirect



KEELER 1012P7003
(All Pupil/Vantage)
Indirect



KEELER 1012P7006
(Vantage "Plus") Indirect



PROPPER 199189
Indirect



TOPCON 787
(ID-5) Indirect



WELCH ALLYN 01200-U
Indirect



BAUSCH & LOMB 15511/14
Keratometer



MARCO BU-1027
Keratometer



A/O REICHERT BU-1023
(12603) Lensmeter



A/O 10511/1F
(603) Lensmeter

BULBS AND BATTERIES



BAUSCH & LOMB 25S11-5C
(Model 70) Lensmeter



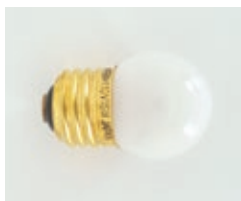
MARCO BU-1013
(101) Lensmeter



NIKON 15S11/102
(OL3/4/5) Lensmeter



SHIN NIPPON 15S11/102
(LM25) Lensmeter



TOPCON 42025-51010
(LM3/6/6E) Lensmeter



TOPCON 42320-10550
(LMP5/P6) Lensmeter



HAAG-STREIT 0940.0750
(Main) Perimeter



HAAG-STREIT 0940.0244E
(Chart) Perimeter



A/O REICHERT BU-1165
(120V Eiko) Projector



A/O REICHERT BU-1019
(130V Eiko) Projector



A/O REICHERT CAX-120
(120V GE) Projector



A/O REICHERT BU-1000
(130V GE) Projector



REICHERT BLV
(Long Life/Selectra)
Projector



REICHERT BU-1068
(AP-250) Projector



MARCO BLV
(Everlight) Projector



MARCO 6025
(CP-600) Projector



MARCO 6026
(CP-670/690) Projector



NIKON BLV
(NP3/NP3S) Projector



SHIN NIPPON BU-1063
(CP30Z) Projector



TOPCON 42412-20400
(ACP-8) Projector



BULBS AND BATTERIES



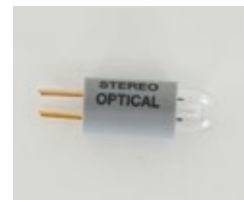
TOPCON 42440-20030
(ACP5/6/7) Projector



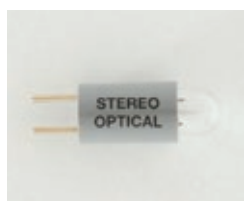
HEINE X-02.88.089
Retinoscope



KEELER 1013P7009
Retinoscope



STEREO 360-H20
(3.6V) Retinoscope



STEREO 360-125
(2.4V) Retinoscope



WELCH ALLYN 03700-U
Retinoscope



WELCH ALLYN 08200-U
Retinoscope



HAAG-STREIT 0120.0559
(BD/BC) Slit Lamp



HAAG-STREIT 0900.0930
(BM/BP/BQ) Slit Lamp



HEINE X-02.88.099
(SL-100/150) Slit Lamp



KOWA SL150A26K
(SL-15) Slit Lamp



MARCO BU-1055
(IIB/III/V/VG) Slit Lamp



MARCO BU-1068
(2B/G2/G4/G5) Ultra



NIKON BU-1068
(FS2/CS2/NS1) Slit Lamp



SHIN NIPPON BLV
(SL45DX) Slit Lamp



SHIN NIPPON
(SL101/102) Slit Lamp



TOPCON 11111
(2E/D2/4E/D4/7E)
Slit Lamp



TOPCON BU-1055
(3D/3E/5D/6E) Slit Lamp



TOPCON BU-1068
(D7/8Z/D8Z) Slit Lamp



ZEISS BU-1003
(100/16) Slit Lamp

BULBS AND BATTERIES



ZEISS BU-1068
(30SL) Slit Lamp



A/O REICHERT 328
(NCT) Tonometer



PERKINS C1146005
(MK-1/II) Tonometer



KOWA ATO-A26
(HA1/2) Tonometer



WELCH ALLYN 00200-U
(41000) Transilluminator



WELCH ALLYN 03100-U
(41100) Transilluminator



MARCO BAT-1010
(BAT)
Brightness Acuity Test



RELIANCE VOSBAB
Instrument Stand Bulb



MARCO CJB224
(BAT) Brightness Acuity
Test Battery



HEINE X-02.99.382
Beta Battery



KEELER #EP39-18918
Lithium Battery



STEREO 360-H11
Retinoscope Battery



STEREO 360-128
Retinoscope Battery



REICHERT TONOPEN XL
Durd113NB Battery



WELCH ALLYN 72000
Battery



WELCH ALLYN 72200
Battery



WELCH ALLYN 72300
Battery

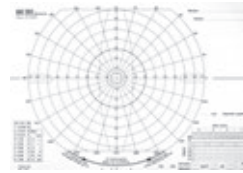
PAPER/DISPOSABLE PRODUCTS



A/O REICHERT 140-080
Tonometer Paper



HAAG-STREIT 0100.0001
Slit Lamp Chin Tissue



HAAG-STREIT 0940.2414
Perimeter
Recording Charts



OCUFILM
Disposable
tonotip covers



MARCO 140-080
LM870/KM500/AR Paper



MARCO 1010
Slit Lamp Chin Tissue



140-080
Retinomax Paper



SONOMED S-102
A-Scan Paper



TOMEY JZ-6770
Lensmeter
& Pachymeter paper



TOPCON 40310-40820
Slit Lamp Chin Tissue



TOPCON 140-080
Auto Refractor/
Lensmeter Paper



VPOLC1
Volk Lens Cleaner



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Revised 03/17