

CLASSICAL PRODUCTS CATALOG



When my father started our company in 1967, he could not have imagined the amazing proliferation of vision-diagnostic technology we are all becoming familiar with today. And while Marco has become the Leader in Vision Diagnostics,[®] we have never forgotten that traditional,



classical instruments remain the cornerstone of vision care and diagnostics.

We make every major type of product needed for your diagnostic office. We make it better. We make it more attractive. We make it more

functional than anyone in the industry—bar none. And we make it all work together for your benefit.

But as proud as I am of our products, I am even more proud of our support group: our people, our staff, and our authorized distributors. All dedicated, highly skilled professionals who will go far beyond the extra mile to make sure your satisfaction is complete and unending.

While our job is to place our products in your office, our goal is to gain your trust as a **Partner for Life**, growing side-by-side as your practice expands.



You can buy less-expensive products than ours. And you can buy more-expensive products. But nowhere in the industry will you find better products backed by an innovator that can optimize your diagnostic office for the life of your practice. An innovator that can help you spend more time focusing on offering excellent care.

Sincerely,

David Marco
President

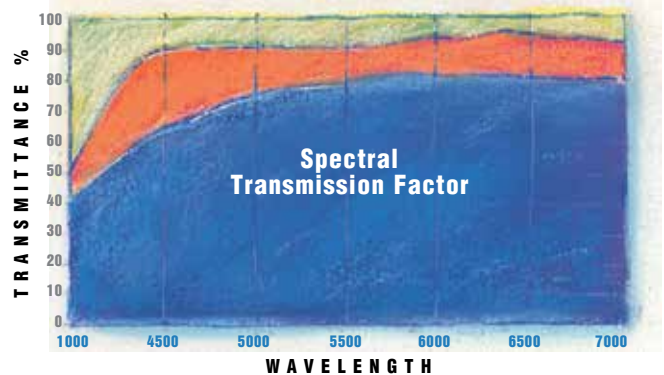
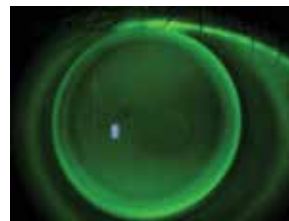


Image is Everything

What makes the **Marco Ultra Series of Slit Lamps** so different? First, we incorporated the very latest in materials, design and lens-coating technologies to create a new era in optical resolution and efficiency. Then we improved the ergonomics to make the Ultra Series the most convenient-to-use slit lamps in the industry. Finally, we designed the Ultra Series to be manufactured using up-to-the-minute production techniques, reducing assemblies that used to require as many as fifteen parts down to one single part. The result is higher quality, reduced maintenance and exceptional value.

With a sophisticated light gathering optical design, the Ultra Series utilizes a multi-layered, multi-coated system which transmits light more efficiently, producing a significant increase in optical resolution and clarity. The breakthrough optical quality of the Ultra Series results in an increase in light transmission, an expanded field of view and an increased depth of field. A single look through the optics of any Ultra Series slit lamp is enough to tell you that a new age in diagnostic observation has been created.

The Galilean optics of our G-series (models G2, G4, G5 and G5 Zoom) feature a 6-degree inward convergence angle for the binocular tubes, an excellent angle for improving physician comfort by reducing optical fatigue. The G-series optical system is also optimized for today's digital imaging.



■ Conventional Optics ■ Ultra Optics



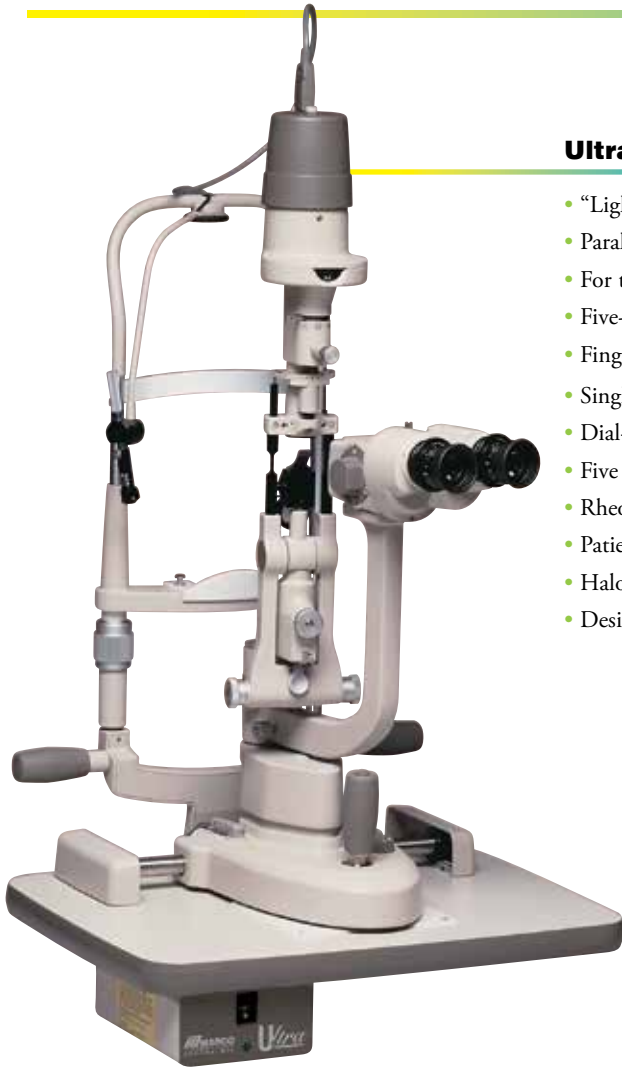
Ergonomically designed Magnification Knob



Fingertip Rheostat Illumination Control facilitates one-handed operation.



6-degree ocular convergence angle improves physician comfort by reducing fatigue.



Ultra G5

- “Light-gathering” Ultra optics transmit light more efficiently.
- Parallel microscope head with 6-degree ocular convergence.
- For those that prefer a tower light source with benefits of Galilean optics.
- Five-step magnification range from 6.3x to 40x.
- Fingertip millimeter slit-width control provides highly precise adjustment.
- Single-handed elevation system.
- Dial-in, and continuously variable aperture setting from 10mm to 0.2mm.
- Five built-in filters (two cobalt).
- Rheostat conveniently located next to joystick for single-handed operation.
- Patient handrests standard.
- Halogen illumination standard.
- Designed for today’s digital imaging.



Ultra G4 and Ultra G2

- “Light-gathering” Ultra optics transmit light more efficiently.
- Parallel microscope head with 6-degree ocular convergence angle.
- G2 offers 3-step magnification range: 10x, 16x and 25x.
- G4 offers 5-step magnification range: 6x, 10x, 16x, 25x and 40x.
- Designed for today’s digital imaging.
- Slit height is continuously adjustable from 1mm to 14mm.
- Slit height also has premeasured, fixed aperture diaphragms of 0.3, 3, 5, 8 and 14mm.
- Slit width is continuously variable from 0 to 14mm—the largest slit aperture in the industry.
- Built-in cobalt-blue, red-free and heat-absorbing filters can be easily dialed in as desired.
- Single joystick controls both elevation and horizontal positioning for enhanced ease of use.
- Rheostat conveniently located next to joystick for single-handed operation.
- Halogen illumination standard.





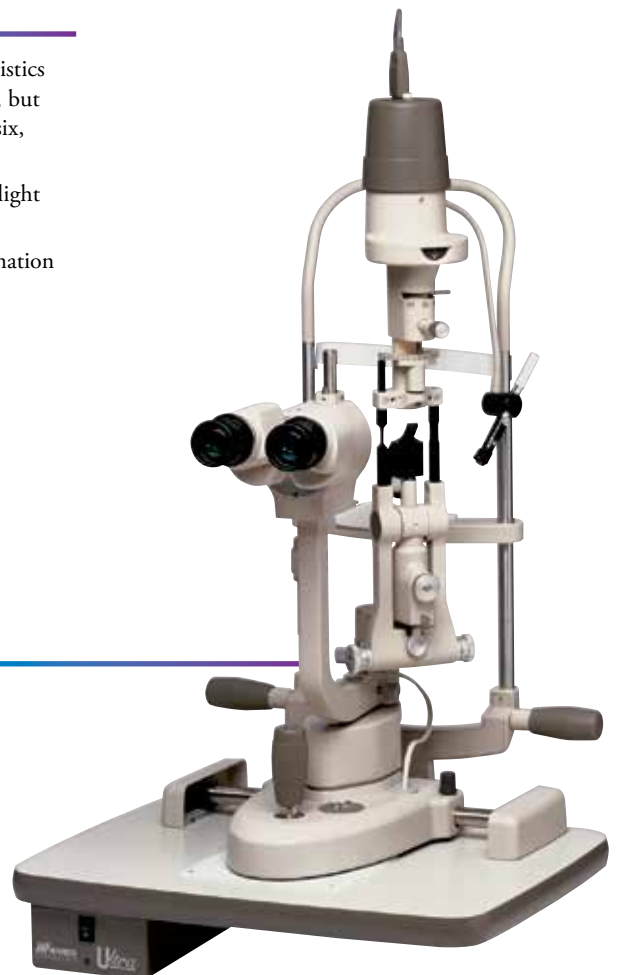
Ultra 5

- Five built-in filters, including two cobalt, are standard on the model 5. The model 2b comes standard with four built-in filters.
- The model 5 comes standard with a focusing fixation light while the 2b comes standard with a pencil-point fixation light.
- Fingertip millimeter slit-width control with precision adjustment. Single-handed elevation joystick.
- Rheostat conveniently located next to joystick for single-handed operation.
- Single-handed elevation system.
- Halogen illumination standard.
- Standard 10x and 16x magnification.
- The model 5 has the same light source features that are offered on our more sophisticated model G5.
- The model 5 has a dial-in, continuously variable aperture setting that is adjustable from 10mm to 0.2mm. An easy to reach light source tilting mechanism is also standard on the model 5.
- “Light-gathering” Ultra optics transmit light more efficiently.



Ultra 2b

- The model 2b has all the same characteristics as our other, more sophisticated models, but has a more simplified light source with six, pre-set aperture positions.
- “Light-gathering” Ultra optics transmit light more efficiently.
- The model 2b is ideal for general examination procedures and contact lens work.

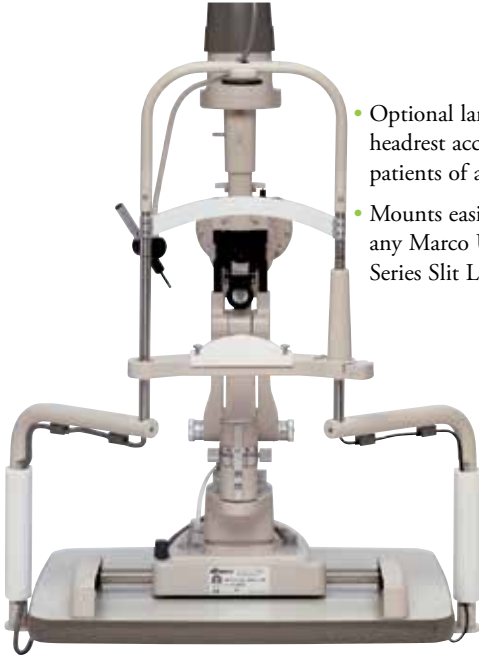


Ultra G5-Zoom

- Includes all of the same features and benefits as the G5.
- Continuous Zoom Focus from 6x to 32x.
- “Flip-up” magnification display mirror.
- Illuminated magnification power display window.
- Built-in tonometer mount.
- Adjustable fingertip switches control motorized zoom/focus and illumination intensity.

SLIT LAMP ACCESSORIES

Large Patient Headrest



- Optional large patient headrest accommodates patients of all sizes.
- Mounts easily on any Marco Ultra Series Slit Lamp.

Assistantscopes



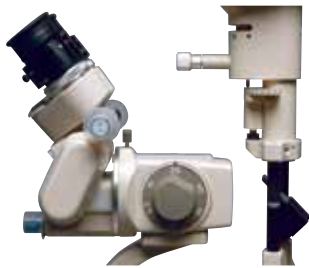
- Optional assistantscope kits (G-models only) accommodate an additional observer.

Fixed Inclined Adapter

- A fixed-angle inclined adapter comfortably positions the microscope head to help relieve head and neck strain.
- Mounts easily on any Ultra G-series model slit lamp.



Adjustable Inclined Microscope Head



- Continuously adjustable microscope head (optional) helps relieve head and neck strain.
- Mounts easily on any Ultra G-Series model slit lamp.

Integrated Background Illuminators

The G-series background illuminators compliment Marco Digital Imaging Systems, and provides a clear, simple approach to secondary illumination.

Digital Camera Adapters



- Beamsplitters/digital SLR and video camera adapters accommodate a variety of imaging options.
- Single and two-piece digital camera adapters accommodate both SLR digital cameras and CCD video camera options.
- Vertical configuration provides balance and stability for added camera weight.
- Various camera adapter features include in/out beamsplitter, aperture, and yellow filter controls.



Integrated background illuminator for G5/G5-Zoom models.

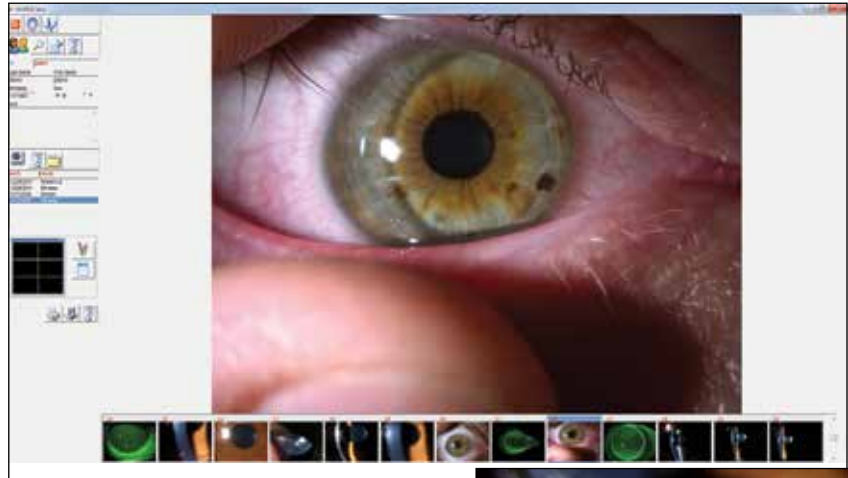


Integrated background illuminator for G2/G4 models.

idoc

By integrating the capturing functions of still digital photographs and live streaming video images into one simple component, Marco's **idoc** (integrated digital ophthalmic camera) anterior segment imaging system provides the practitioner with the unique capability of capturing and storing still digital images and live streaming videos.

idoc seamlessly blends the two recording options together into one compact configuration, allowing the user to simply attach one digital component to any Marco G-model Ultra Slit Lamp. With a simple press of the joystick switch, (or mouse click) high-quality digital images and live video streams with no time delay are instantly captured and stored into **idoc's** simple software program. All basic operations are conveniently displayed on **idoc's** main screen, allowing the user to quickly and easily access patient files.



Still digital images and live streaming video provide multiple capturing options.



idoc "Lane System" configuration.



Integrated idoc camera for G5 and G5-Zoom models.



Integrated idoc camera for G2 and G4 models.

E-Z Tilt Chair



- Attractive, modern design blends seamlessly with any office décor.
- Fast, effortless reclining motion uses the patient's own weight for counterbalancing. The "bucket" type structure of the E-Z Tilt chair rocks the patient in a comfortable seated position throughout the entire range of motion.
- Marco's exclusive dual hydraulic cylinder system provides an extended range of elevation, starting very low and extending to an extra high position.
- Fingertip chair elevation and auto-return switches are conveniently located on each side of the chair back and on the provided corded foot pedal. A safety switch also disables the chair reclining motion from curious fingers.



Exclusive telescoping hydraulic cylinder system.



Encore Automatic Chair



- Basic chair features and overall design is identical to the Encore Manual model.
- Back-lit fingertip switches, as well as a corded foot pedal, automatically control chair elevation, recline, and auto-return functions. Programmability also allows the operator to pre-program any desired chair recline position—automatically. Recline capability also includes a comfortable flat position, or any desirable position in between. A safety function also disables the switch panel from curious fingers.
- Chair reclining, as well as elevation, is controlled by Marco's exclusive field-proven hydraulic system for smooth, quiet reliable adjustments.
- Optional surgical accessories conveniently transform the Encore Automatic Chair into a surgical procedure chair.



Backlit flat overlay switches are easy to see in a darkened room.



Easy, "dial-in" programming control with safety switch to disable chair operation.



Encore Automatic Chair with Surgical Package



Encore Chair Lane Package



E-Z Tilt Chair Lane Package with Digital Imaging

Encore Chair



- A pneumatic-assisted manual recline mechanism uses patient's weight for easy reclining adjustments. Recline capability includes a comfortable flat position, or any desirable position in between.
- Fingertip chair elevation and auto-return switches are conveniently located on each side of the chair back and on the provided corded foot pedal.
- Single-handed headrest operation provides smooth patient headrest adjustments.
- Durable, polyurethane covered arms are attractive and easy to clean.
- Rear-positioned, foot-activated rotation lock is easily accessible from both sides.
- Standard fail-safe sealed hydraulic system ensures smooth, long-term operation.
- Stylish, modern design.



Single-handed headrest



Encore Chair, fully reclined.

Bravo Chair



- Simple-featured/lower-cost exam chair designed for everyday primary patient care.
- Up/down operations are controlled by corded foot pedal or from numerous locations on instrument stand.
- High, curved cushion back provides a comfortable patient headrest position for eye drops or indirect exams.
- Modern, high-quality electronic lift mechanism ensures reliable, long-term elevation control.
- 12 inches of elevation range easily accommodates all patients and practitioners.
- No recline function allows user to maximize refraction distance in small exam rooms.
- Solid, one-piece steel frame accommodates easy pop-on cushions.
- Scuff-resistant, high-impact covers on arm rests and chair base.
- Standard Marco ten-step, hand-finished painting process.



High, curved cushion back headrest



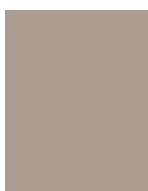
Extended elevation range

Bravo chair lane package

CHAIR UPHOLSTERY COLORS



Navy



Mushroom



Black



Charcoal



Black/Silver



Navy/Mushroom

Visit www.marco.com for a virtual tour of the Marco chairs and upholstery colors.

INSTRUMENT STANDS

Encore Stand



Encore Console Panel



- The Encore Stand is built around the Programmable Electronic Room Controller (PERC) System. The PERC is a simple programmable room lighting system that controls overhead fluorescent and incandescent room lights. Any console panel switch or instrument well can conveniently be programmed to follow any exam room sequence.
- A tough, leather-tone texture protects the Encore Stand from heavy daily use and a soft misty-gray painted finish gives it an attractive appearance that blends with any office decor.
- The Encore Stand combines the proven mechanical structure and durability of the popular Deluxe2 Stand, with a modern, sophisticated appearance.
- Three rechargeable wells and three 115V electrical receptacles.
- An efficient counterbalanced refractor arm provides one-handed, immediate three-way locking of the refractor.
- Two versions of the Encore Stand are available—a basic model and the full PERC model.
- In addition to the electronic release switch and the chair elevation switch on the lower slit lamp arm, the Encore Stand also includes a separate slit lamp switch to control the overhead lamp and room lights.
- A state-of-the-art membrane console panel controls all instrument functions, overhead room light functions, and chair elevation/return functions. A back-lit display window also shows menu settings and illumination status for the PERC system.
- ♿ Wheelchair accessible.



Lower Slit Lamp Arm
Encore Stand

Deluxe 2 Stand



Deluxe Console Panel



Non-Console Deluxe2 Stand



- A new, innovative design compliments the proven, 35-year mechanical operating system.
- An electronic release button and a chair elevation switch are both located on the lower slit lamp arm. The slit lamp arm's increased vertical travel easily accommodates wheelchair patients.
- An efficient counterbalanced refractor arm provides one-handed, immediate three-way locking of the refractor.
- 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.
- An attractive overhead lamp features multiple adjustments, rotation stops and an on/off switch.
- Three rechargeable instrument wells and three 115V electrical receptacles.
- Standard Marco ten-step, hand-finished Misty Grey Enamel painting process.
- Scuff-resistant, high-impact base cover.
- Optional counterbalanced or non-counterbalanced third arm is available for Encore and Deluxe Stands.
- ♿ Wheelchair accessible.
- **Non-console Deluxe Stand 2** has the same proven mechanical design and operating features as the standard Deluxe2, but without instrument wells and full console panel.

Orion

- Sleek, attractive design comfortably integrates all diagnostic exam room instruments.
- An innovative “sliding” slit lamp table provides automated control of slit lamp elevation and horizontal positioning. This unique mechanism also allows the operator to “manually” control the horizontal sliding motion. Safety features on the adjustable table automatically disable motion if patient contact is encountered.
- Dual finger tip switch panels, located on both the sliding table and main console panel provide convenient access for table & exam chair adjustments. The main console panel also includes one rechargeable instrument well, a built-in accessory tray, and a variable intensity control dial for the overhead and desk lamps. Two additional rechargeable instrument wells and a patient’s spectacle tray are conveniently located just below the slit lamp table.
- Adjustable height positions for the desk and main console panel accommodates any desired height preference for the operator. A convenient desk shelf also accommodates additional computer accessories & components.
- Slit lamp power, overhead lamp and desk lamp illumination are automatically controlled when the sliding table is engaged. Overhead room light functions can also be wired for integrated control.
- Orion’s modular design offers a variety of configurations – from left to right-side operation, as well as accommodating smaller rooms and tight spaces. Expanded desk top work space provides a comfortable working environment for the practitioner.
- A specially-designed Refractor arm provides extended reach and effortless adjustments of the Refractor head.
- A convenient desk drawer provides storage for a trial lens set, or their accessories and supplies.
- Cables for mounted instruments, computer imaging systems and other components are efficiently routed through dedicated channels for a clean and clutter-free appearance.
- Optional accessories include an extension “side” table, unit-mounted projector arm, Binocular indirect hanger arm, and an LCD / computer monitor arm.
- ♿ Wheelchair accessible.



Electronically operated table controls both elevation and horizontal positioning.



Additional instrument wells located below slit lamp table.



RT-700 Refractor



The Marco RT-700 Illuminated Refractor is the perfect blend of style, function, and illumination control. Marco has completed this dramatic leap into a new refractor design by incorporating all of the classic elements and features that primary eye care providers demand from a traditional refractor. The Marco RT-700 is a distinctive industry-recognized design that conveniently combines a proven illumination system with Marco-certified quality. With the RT-700, Marco has continued its long-standing tradition of utilizing the very best materials and craftsmanship to construct a superior, high-quality vision diagnostic instrument that doctors have come to expect from Marco products.

- Infinitely adjustable illumination control for sphere, cylinder, and axis measurements.
- White prism, accessory, and cross-cylinder scales provide easier recognition in dim lighting conditions.
- Functional “wing-grip” design provides easier maneuverability of refractor head.
- Soft, smooth knurled knobs provide consistent, effortless adjustments
- Fully-synchronized axis / cross-cylinder system.
- Optional patient face shields with plano lens cover for the sealed lens protection is optional.
- Certified Marco Quality.
- Standard 5-year limited warranty.



Misty gray color blends beautifully with other Marco products



Illumination control is a standard feature

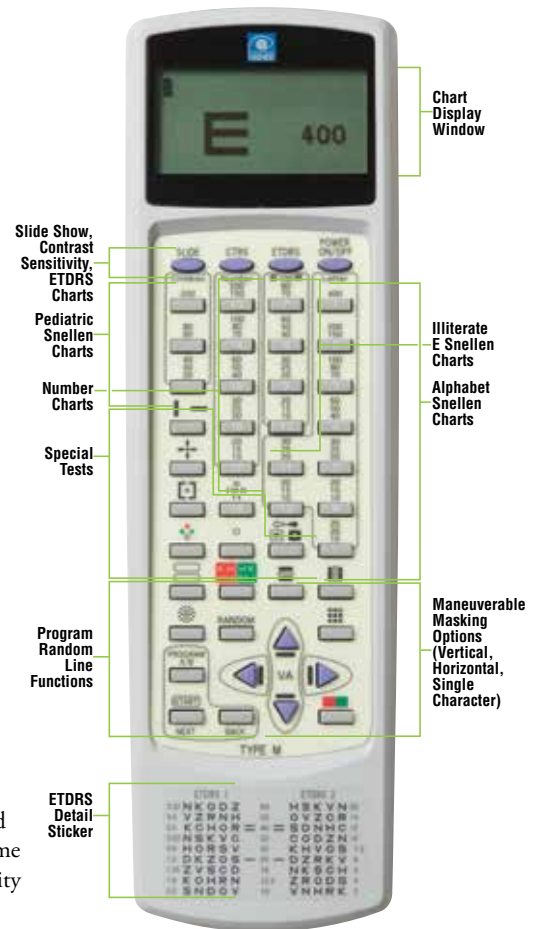




PREVIEW LCD ACUITY SYSTEM

PreView

- Extraordinarily simple, dedicated Acuity device.
- Aesthetically attractive, modern look.
- Comfortable, user-friendly remote control.
- Programmable for three separate refracting routines.
- Multiple levels of contrast sensitivity testing.
- Animation video for pediatric fixation.
- Patient education images.
- ETDRS, specialty testing charts.
- Randomization function helps prevent letter/character memorization.



SC-1600 Remote Control

SC-1600 LCD Acuity Chart System



- An aesthetically clean dedicated refracting device with an extreme emphasis on precise, high-quality visual acuities.
- High resolution LCD screen provides a wide range of popular Snellen, ETDRS, and stereo testing options for binocular vision examinations.
- White background with uniform brightness for greater contrast and sharper letter edge quality.
- Incorporates all of the advanced features found on the first generation SC-2000 LCD Acuity Chart System and the popular series of Marco automated chart projectors.
- Contrast sensitivity testing measures contrast at three distinctive levels below the normal threshold.
- Randomization feature helps to prevent patient letter/character memorization.
- User-friendly remote control includes an LCD chart display window for convenient operator reference.
- Ability to add up to 18 personalized images on removable SD card.

CHART PROJECTORS

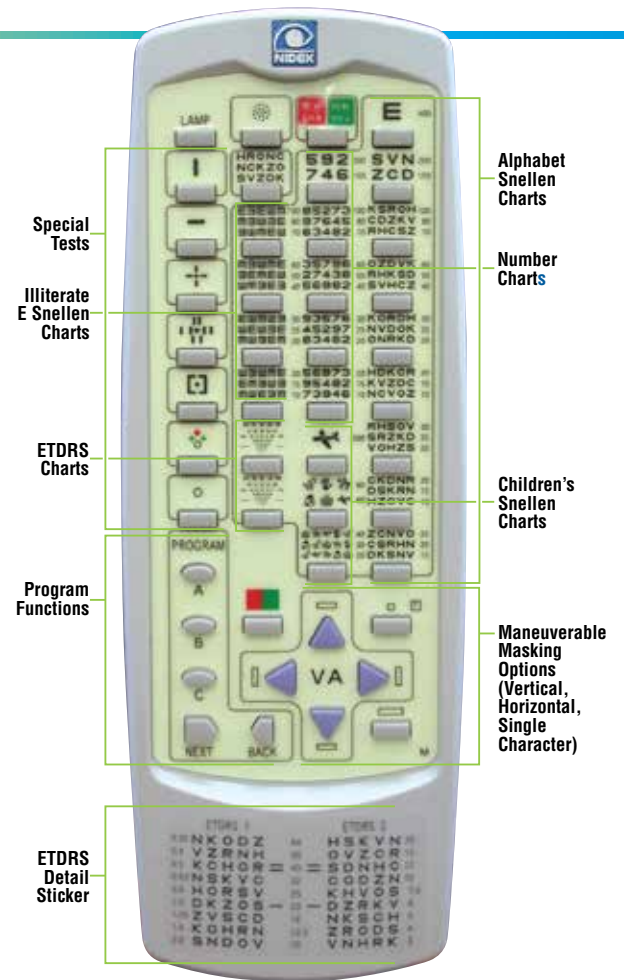
CP-770 Automatic Chart Projector



- Sophisticated new design is much smaller and lighter than previous models.
- New maintenance-free LED illumination system produces a brighter, more consistent high-resolution image.
- Instant random access of 33 popular charts via infrared remote control.
- Smaller, more streamlined remote control is more comfortable to handle.
- Chart masking buttons allow the user to isolate individual lines horizontally, vertically, as well as individual letters, numbers, and characters.
- Two “maneuvering” buttons allow the user to move up or down the Snellen acuity range a line at a time in a horizontal mask.
- Three programming buttons isolate separate programs for individual users.
- An individual red/green chart, and a separate red/green filter is also provided.
- 11 speciality/polarization charts.
- 9 Snellen charts (5 20/20 lines, 3 20/15 lines, 2 20/10 lines).
- 5 Numbers charts (2 20/20 lines, 1 20/15 line, 1 20/10 line).
- 4 Illiterate E charts (2 20/20 lines, 1 20/15 line, 1 20/10 line).
- 3 Children’s charts (1 20/20 line).
- New modern wall and table mounts include a unique tightening system.

Everlight Standard Chart Projector

- A classic industry-standard, the Marco Everlight Projector features a long-lasting halogen bulb that provides exceptionally even illumination over the entire image field.
- The variable focus barrel is designed to provide accurate visual acuity testing at any distance between ten and twenty feet.
- Controls for slide selection and duochrome test are conveniently located on both sides.
- Accepts all major slides including Marco’s Adult, Child, and HOTV Recognition Slides.
- Optional mounting brackets include a wall, table, or unit model.



CP-770 REMOTE CONTROL



ARK-30 Hand-Held Auto Refractor/Keratometer

The Marco ARK-30 hand-held Automated Refractor/ Keratometer puts essential, data-gathering technology in the palm of your hand. Providing instant, reliable and reproducible results, the ARK-30's versatility and efficiency makes gathering refractive information simple – and extraordinarily flexible.

- Perfect for in-office, satellite office, nursing homes, mission work, and health screenings.
- Comfortable “binocular” viewing window facilitates easier patient alignment and measurement.
- Automatically records measurement once alignment is secured.
- Printer serves as a “docking station” with IR receiver for print-outs.
- Primary & secondary rechargeable batteries are included.
- Integrates with EMR and other Marco technology devices.



NT-510 Non-Contact Tonometer



- Advanced “soft air” pulse control produces minimum necessary air pressure for comfortable patient measurement.
- Auto-tracking function automatically controls patient alignment. A manual override function is also selectable.
- Auto-measurement function automatically takes measurement when properly aligned.
- Infinitely adjustable LCD screen accommodates various viewing angles.
- Motorized patent chinrest provides quick and convenient adjustments.
- Safety lock protects against accidental patient contact.
- Built-in printer.
- Sleek, attractive, modernized design.
- Computer interface provides for convenient data transfer.

Standard Lensmeter 101



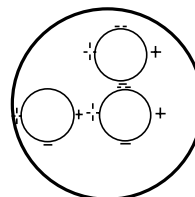
- New LED illumination system provides efficient, consistent, illumination level.
- Powered by convenient AC adapter, or standard D-cell battery system.
- A Classic design with solid construction utilizing brass and stainless steel components to help prevent premature wear and maintenance.
- Full 90-degree adjustable inclination to accommodate measurement of contact lenses.
- A discriminating optical system combined with an American style cross-line target produces clear, crisp images.
- Standard prism compensating device measures high degrees of prism.
- Acceptable for everyday or heavy laboratory use.
- Power wheels located on both sides to accommodate any user.
- Standard lens stop accommodates both hard & soft contact lenses as well as conventional lenses with a 24 – 90 mm diameter.
- External power and axis measurements easy to read.
- Self-inking marking pens eliminate messy and continuous re-inking.



Standard Keratometer I



- An original classic design, the Marco standard Keratometer is built with brass and stainless steel moving parts for long-term durability.
- Precision objectives, achromatic prisms, and uniform diffuse illumination combine to produce a high-quality optical system.
- Dual reading knobs display measurements in both millimeters and diopters.
- Split mire measuring targets are easier to see and help eliminate parallax.
- Dual eye-level alignment system facilitates horizontal alignment.
- Positive fixation device permits rapid measurement of central corneal area.
- Two-way adjustable patient's head and chinrest.
- Wide-angle eyepiece with engraved focusing scale.



Exclusive split-mire target system

35-6 TW Full Diameter Trial Lens Set



- Even distribution of plano-convex, plano-concave, bi-convex and bi-concave full diameter lenses.
- Metal rims, satin finish handles with lens power engraved on both sides.
- Vinyl covered carrying case with hard-composite removable inner tray.

43-6MS Full Diameter Trial Lens Set



- More comprehensive selection of plano-convex, plano-concave, bi-convex and bi-concave full diameter lenses.
- Metal rims.
- Includes two hand-held cross cylinders.
- Dimensions 20.5" x 12.5".
- Vinyl covered carrying case with black felt-lined removable wooden inner tray.

Custom Corrected Curve Trial Lens Set



- Optical Features: Corrected curve meniscus convex and concave lenses of 18mm and 25mm diameter.
- Fully additive effective power.
- No distortion or aberration beyond established limits.
- Cylinder and prismatic lenses keyed to prevent rotation.
- Mounting: Unbreakable anodized aluminum, color-coded for easy identification.
- Dimensions 12.5" x 20.5".
- Weight 8.5 lbs.
- High impact plastic.

Full Diameter Perimeter Trial Lens Set



- Compact set that includes a more modest selection of the same lenses found in the 35-6 TW trial lens set.
- Perfect for perimetry work or other portable needs.

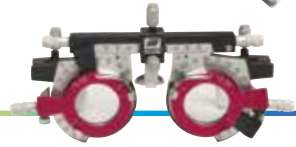
PERLSTEIN FLIP CYLINDER



HAND-HELD CROSS CYLINDERS



MTL TRIAL FRAME



STUDENT TRIAL FRAME



Prism Exophthalmometer



- 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.
- The eye is seen through the lower half and the scale through the upper, eliminating the difficulty of parallax and facilitating a rapid determination of protrusion.
- Silver hammer-tone finish and comes complete with a storage case.

BRIGHTNESS ACUITY TESTER/TABLES/MICROSCOPE

Brightness Acuity Tester (BAT)



- A recognized industry-standard glare testing device, 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, or standard desk-top charger.
- NEW state-of-the-art LED illumination system provides a better, more efficient light source.
- Three variable light intensity settings simulate various glare conditions.
- Evaluates tinted lenses, sunglasses, and anti-reflectives to quantify improvement in glare disorders.
- Effectively evaluates Macular photo stress testing.

SurgiScope 3 Operation Microscope



- Perfect for all minor in-office surgical procedures.
- Built-in 3-step magnification drum, motorized focusing, dual halogen lamp system, and a variety of optional accessories.
- Can be mounted on an instrument stand or a floor stand for greater flexibility.

Instrument Tables

ELECTRIC H-BASE INSTRUMENT TABLE



- The attractive Electric H-Base Table is perfect for heavier instruments, or for those who prefer instant, electronic elevation. The electric table easily accepts a slit lamp, a single tabletop, or a double tabletop. The single tabletop and the double tabletop requires no additional mount. Casters are a standard accessory.

OFFSET WHEELCHAIR ELECTRIC TABLE



- The newest table in the Marco line is the attractive Offset Wheelchair Electric Table. Uniquely designed, the wheelchair table has dual purposes. Not only does it add a modern look to any office, it is also a heavy-duty table that can support multiple instruments, and/or easily accommodate wheelchair patients.



Instrument Stand-mounted SurgiScope with Surgical Package.



To see more, visit www.marco.com