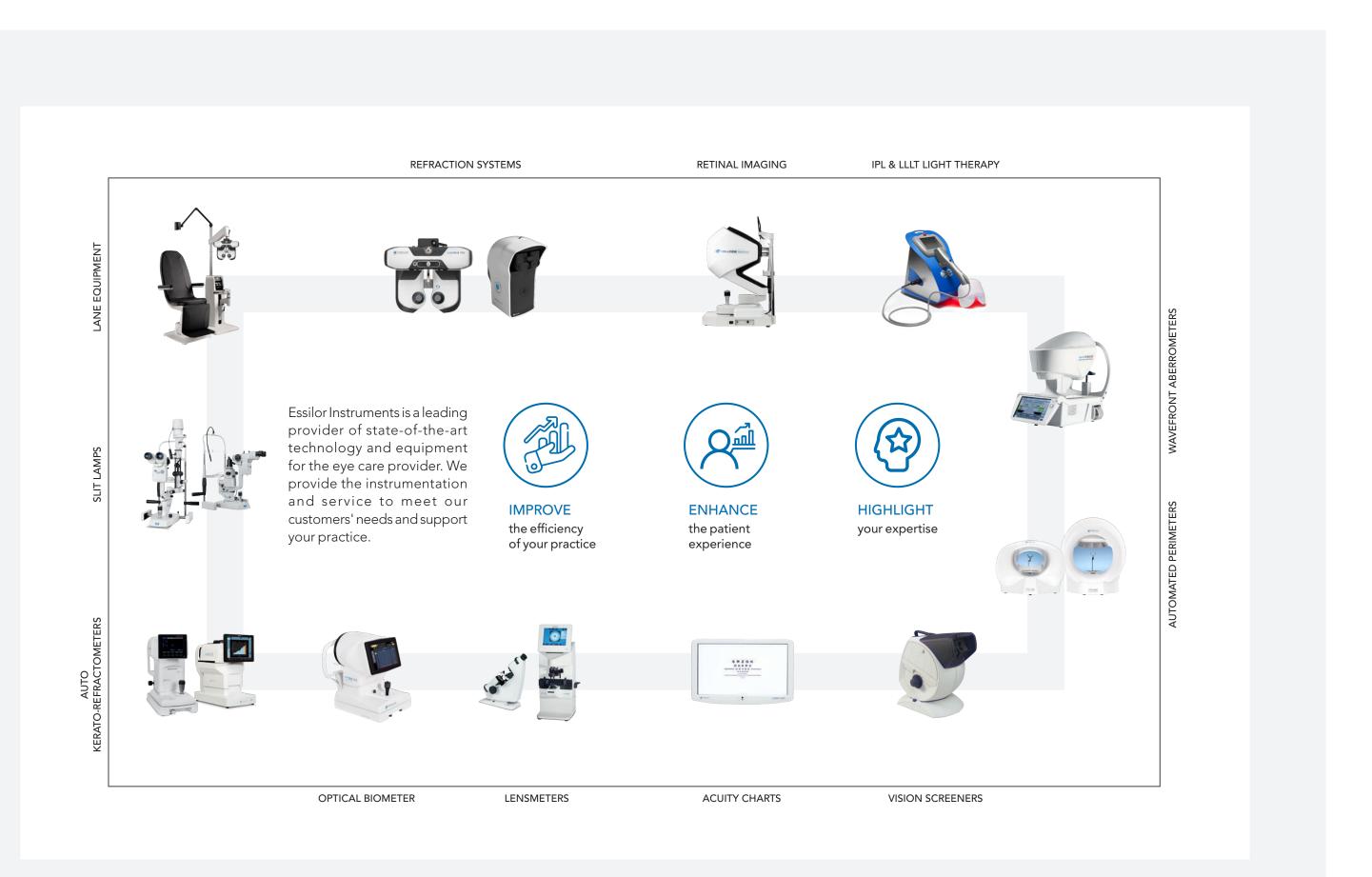
EssilorLuxottica

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. F YOUR PARTNER FOR A SUCCESSFUL PRACTICE

Constant and the

OPHTHALMIC EQUIPMENT CATALOG (USA)



AKR 800 AUTO KERATO-REFRACTOMETER













PRETESTING & DIAGNOSTICS

High-definition imagery, and rapid and accurate

full eye examinations, we simplify the ways you

Auto Kerato-Refractometers6
_ensmeters7
Retinal Camera8
opographers & Optical Biometers9
Fonometers 10
Perimeters
Vavefront Aberrometer12
/ision Screeners & Tests

CELLVIEW WRI-1 RETINAL IMAGER





CORNEA 550+ CORNEAL TOPOGRAPHER



OPTEC 5000 Series VISION SCREENERS





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AUTO KERATO-REFRACTOMETER

AKR 800 AUTOMATIC AND EASY AKR TO ENHANCE YOUR DAILY PRACTICE

The AKR800 auto kerato-refractometer conducts precise and reliable objective refraction and keratometry. With its innovative design and its fast, easy-to-use and fully-automatic measurement system, you will enhance your practice by making objective refraction easier.

It includes additional features such as keratometry and white-towhite measurement for contact lens fitting. AKR800 enhances patient awareness and education with night vision refraction.

- Deliver precise and reliable objective refraction
- Enhance your daily practice with great user convenience
- Assess night vision and fit contact lenses



AUTO KERATO-REFRACTOMETER

AKR 550 QUICK AND EASY-TO-USE ADVANCED **REFRACTIVE MEASUREMENT**

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



AUTO KERATO-REFRACTOMETER

AKR 300 CONVENIENT AND EASY-TO-USE **OBJECTIVE REFRACTOR**

- Integrated periphery keratometry measurement for contact lens fittings
- Easy measurements for the cornea, pupil, and hard contact lens diameters
- Measurement protocol customization
- Instant access and display of last 10 measurements stored in memory
- Measurement assistance function
- Unique technology:<Live Mode> to assist measurements by eyecare professionals



AUTOLENSMETER

ALM 800 UNIQUE COMBINATION OF

THE LATEST TECHNOLOGIES

- UV transmission measurement
- Unique quantification and display of blue-violet light
- Interpupillary distance measurement
- Guided and automated prism marking
- Lens support adapted to all lenses and frame curves
- Ergonomic design with tilting color screen
- Data transfer to automatic phoropters and/or patient management software

AUTOLENSMETER

ALM 700

INTUITIVE AND PRACTICAL AUTOLENSMETER FOR RAPID AND ACCURATE MEASUREMENT

- Measurement technology using the green light beam
- Lens support adapted to all lens and frame curves
- Measurement of UV transmission
- Measurement of interpupillary distance
- Ergonomic design with tilting color screen
- Data transfer to automatic phoropter

AUTOLENSMETER

ALM 500

MEASUREMENT OF ALL TYPES OF LENSES AND FRAMES

- Measurement technology using the green light beam
- Lens support adapted to all lenses and frames cambers
- Ergonomic design with tilting color screen
- Built-in printer
- Data transfer to automatic phoropter

MANUAL LENSMETER

32-AXIS 221

OUTER-READING LENSMETER HAND MADE TO HIGH STANDARDS

- Superior-quality optics
- LED light source
- Prism compensation
- User-friendly design
- Large ergonomic knobs clearly marked for ease of use









RETINAL IMAGER

CELLVIEW WRI-1

ACCESSIBLE HIGH-QUALITY ULTRA-WIDEFIELD FUNDUS IMAGING

WRI-1 from Cellview provides operators with advanced imaging tools for examining the retina and far into the periphery. Producing a retinal image up to 133° in a single-capture, or a 200° auto-stitched image, the WRI-1 captures clear and high-definition retinal images through small pupils, most cataracts, and other media opacities.

- Full visible spectrum LED array, with true color and infrared imaging, to allow for more accurate identification of potential pathologies that may go unnoticed with other imaging methods.
- Easy-to-operate for nominal staff training, unskilled operator usage, and decreased examination times for greater practice throughput.





Producing a retinal image up to 133° in a single-capture, or a 200° auto-stitched image through pupils as small as 2.5mm



8

TOPOGRAPHER

CORNEA 550+ PRECISE DIAGNOSTIC TOOL FOR

EFFORTLESS CONTACT LENS FITTING

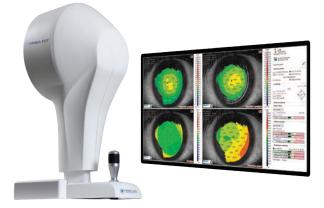
- Precise evaluation of the corneal surface
- Streamlined contact lens fitting process
- Advanced tear film analysis for dry eye diagnosis
- A valuable tool to facilitate communication

OPTICAL BIOMETER MYOPIA 700

FAST AND ACCURATE SOLUTION FOR MEASURING AXIAL LENGTH AND CORNEAL TOPOGRAPHY

Myopia Expert 700 is a corneal analyzer with an integrated pupillographer and optical biometer. Its main applications are as follows:

- Corneal topography for diagnostic purposes
- Measurement of the axial length of the eye
- Fluorescence imaging for contact lens fittings
- Pupil measurements
- Storage and overviews of historic ocular data properties for easy observations of changes over time





REICHERT®

TONO-VERA

GAME-CHANGER IN IOP MEASUREMENT

- Handheld tonometer with gentle rebound technology where a single-use probe briefly contacts the cornea
- Ultimate confidence in IOP readings
- Quick and easy to use
- Utmost comfort for patients
- Easily delegate to staff
- Secure communication
- Easy storage for Tono-Vera OcuDot Probes



COMPACT AUTOMATIC PERIMETER

PTS 925

SMALL YET MIGHTY

- Compact perimeter that provides everything you need in a compact footprint
- Complete set of standard perimetry tests plus all of the latest visual field testing approaches
- Self-adjusting light and not impacted by ambient light
- Intuitive software and powerful networking and EMR integration
- Maintenance-free and reliable hardware
- Saving time and delivering cutting-edge precision and reliability
- Incredible value

REICHERT **TONO-PEN** AVIA®

HANDHELD TONOMETER

The most advanced Tono-Pen yet.

Now more than ever, it is important to keep you and your patients safe while providing essential care. The most technician-trusted handheld tonometer just got better. The ready-to-use and calibration-free Tono-Pen AVIA now features Quick-Tap® Measurement Mode, giving you more confidence with fewer measurements. Protect your patients and your Tono-Pen with genuine Reichert® engineered, single-use Ocu-Film+ Tip Covers.

Designed and assembled in USA



AUTOMATED PROJECTION PERIMETER

PTS 2000

LIGHT UP YOUR PRACTICE. MODERN DIAGNOSTIC EQUIPMENT FOR PRECISE AND FAST-TESTING VISUAL FIELDS

- Complete set of standard perimetry tests
- Variety of threshold algorithms and screening techniques
- Binocular Driver's Test, Flicker perimetry and Blue on Yellow
- Complete palette of analysis tools for quick and thorough assessment of visual fields
- Comparison and progression module available in standard package
- Kinetic testing for quick evaluation of peripheral field loss
- Standard test reports and global indices
- Automatic and manual kinetic perimetry
- 180° horizontal and 130° vertical testing range for peripheral screening
- Aspherical bowl for compact dimensions
- All Goldmann stimuli sizes and colors used in perimetry
- 30-2, 24-2 and 10-2 testing fields





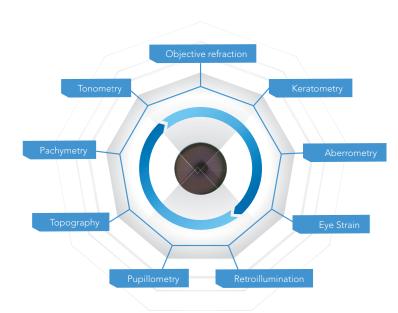
WAM 800

FULLY ANTERIOR CHAMBER ANALYSIS AND EYE STRAIN ASSESSMENT

WAM 800 is a very intuitive, rapid and fullyautomatic wavefront aberrometer that combines several technologies to enable eye care professionals to provide a comprehensive screening of the eye in less than two minutes.

- Glaucoma screening and monitoring
- Keratoconus detection
- Cataract screening
- Myopia control
- Patient vision simulation
- Eye strain and near-vision assessment
- Virtual workstation available
- Efficiency in optical environments

8 MAJOR TYPES OF MEASUREMENT





VISION SCREENERS

OPTEC 5000 Series

QUICK, THOROUGH, AND REPEATABLE RESULTS TO HELP GENERATE TRAFFIC AND SAVE VALUABLE TIME IN THE EXAM ROOM

- Screen under a variety of conditions, including monocular, binocular, near, distance, and intermediate
- Adult and pediatric visual acuity testing, color and depth perception, as well as vertical and lateral phorias
- Most popularly included with the Ophthalmic Prescreening slide package
- Lightweight and portable
- Optec 5000P and Optec 5500P can also function as a peripheral vision test

FUNCTIONAL VISION ANALYZER

FVA

IDEAL FOR USE IN PRE- AND POST-OP CATARACT AND REFRACTIVE SURGERY AND CLINICAL TRIALS

- Will perform all of the tests needed to evaluate functional vision and more: visual acuity, contrast sensitivity, depth perception, color vision, and potential acuity
- Includes F.A.C.T. (contrast sensitivity) tests (sine-wave gratings)
- 4 lighting conditions Day and night, with and without glare
- Meets the FDA clinical research standards
- Meets ANSI standards with unsurpassed homogeneous illumination
- EyeView software provides the ability to demonstrate patients' functional vision with real-world images

STEREOTESTS AND COLOR TESTS

STEREO OPTICAL

GOLD STANDARD IN VISION SCREENING

STEREO DEPTH PERCEPTION TESTS

- Effective and easy-to-use method of screening stereoscopic vision for all ages
- Help to detect visual problems such as stereopsis, amblyopia, suppression and strabismus

ORIGINAL ISHIHARA COLOR TEST

- For congenital red-green color blindness
- Color plates encased in a specially-designed album book
- Each Ishihara plate is printed with a circle made of different sized dots of slightly different colors, spread in random, with the image of a numeral at the center
- Three options available:: 14-plate book, 24-plate book, 38-plate book
- Additional tests discourage memorization





OPTEC 5000 Manual control

OPTEC 5000P Manual control with a peripheral test

OPTEC 5500 Remote control pad

OPTEC 5500P Remote control pad with a peripheral test















REFRACTION SYSTEM

00





VISION-R 700

APH 550 AUTO REFRACTOR





EXAM ROOM

Whether you are performing comprehensive optometric tests or focusing on prescription checks, you can choose the appropriate function level and be sure of reliable measurements, even in the most complex cases.

Acuity & Chart Systems1	6
Chair / Stand / Tables / Stools1	7
Refractors1	8
Slit Lamps & Imaging	20

SL 650 / **SL** 650⁺ DIGITAL SLIT LAMPS





SLIT LAMPS

VISION-C 600 CHART SYSTEM

CS POLA 600 CHART SCREEN





INSTRUMENT TABLES

EXAM STOOLS



14











SL 450 / **SL** 350













VISION-S 700

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MPH 150

MANUAL REFRACTOR

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REFRACTION STATION

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CHART SYSTEM

VISION-C 600

VISUAL COMFORT FOR THE PATIENT AND EASE AND FLEXIBILITY FOR THE ECP

- 24" polarized LED screen: Multiple high-resolution charts developed specifically for visual testing, meeting all ophthalmic standards
- Wide range of tests: Visual acuity, special tests, color vision, random function and more
- Sleek look and feel: Complement your equipment with a modern and stylish design
- Ergonomic control: Fully integrated with the Essilor Instruments line of phoropters for ease of use and automated refractions
- Customizable: Quick and easy to customize the chart display
- Multiple setup options: Select your refraction distance between 3 and 8m (10-26ft) with the direct and mirror mode



20LA 600

EXAM STAND AND CHAIR

OSC 600

VERSATILE, ROBUST, AND DURABLE FOR YOUR CLINICAL NEEDS

- Integrates all standard functionalities into a compact form
- Precise movement and positioning
- Heavy-duty hydraulic lift system
- Reliable and easy to operate
- Branded with the Essilor Instruments logo
- Manufactured in the USA

TABLES AND STOOLS **EXAMINATION**

IDEAL SOLUTIONS TO COMPLETE YOUR PRACTICE INSTALLATION



6

TAK2N-2056RTP3

• Table size: 20" x 20"



- Motorized table for 4 instruments • 20" x 56" Rectangular | 28" x 57" Curved
- Min Height: 27.5" | Max Height: 36"

CHART SCREEN **CS POLA** 600

WIDE CHOICE OF ETDRS OPTOTYPES WITH MULTIPLE POLARIZED TESTS

- 24" polarized LCD display
- Projection distance: 2 to 8m
- Customizable slide show
- Wireless connection

CHART SCREEN

CS 550

A SCREEN TO EASILY MEASURE VISUAL ACUITY

- 19" LCD screen with 100+ charts
- High-definition screen
- Red and green charts
- Wireless connection

CHART PROJECTOR



- 50 charts Type A or B optotypes
- Fast and quiet disk rotation
- Long-lasting LED light illumination
- Projection distance: 2 to 7m



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DVSOH

ONODR ZOCHD KHNZN NODHD HSKRN









• Min Height: 27" | Max Height: 35.5"





TAK2N-2032RTP3



• Motorized table for 2 instruments • Table size: 20" x 32" • Min Height: 27" | Max Height: 35.5"

TAM 3000



- Smooth silent movement • Wheelchair accessible • Clean, stylish design
- Powerful lift mechanism

TAK2N-2042RTP4



- Motorized table for 3 instruments
- 20" x 42" Rectangular | 24" x 46" Curved
- Min Height: 27.5" | Max Height: 36"

STGM02-000



STGM01-001BL



- 14.5" diameter and 3" thick round seat
- Adjusts height from approximately 20" to 28"
- Comfortable back support
- 14.5" diameter and 3" thick round seat
- Adjusts height from approximately 20" to 28"

REFRACTION SYSTEM

VISION-R 700

FAST AND SECURED REFRACTION

- Unique optical module permitting multiple incremental power changes to secure rapid 0.25D proven accuracy
- Simultaneous lens changes for a more direct and controlled refraction method: Digital Infinite Refraction
- Patient-specific program recommendation for guidance from start to finish
- Smart programs for easy refractions by simply recording patient answers
- Improved patient experience thanks to a wider field of vision, silent lens changes, and an easy response method
- Instant power changes for easy comparisons and patient confidence



REFRACTION STATION

VISION-S 700

SPACE SAVER AND GAME CHANGER WITH SPEED AND ACCURACY BUILT ON **EXCLUSIVE INNOVATION**

- Eliminating the need for the traditional chart system, freeing up space to grow your business
- Patented algorithms combined with the optical module enabling Digital Infinite Refraction to ensure an accurate refraction in only 3 minutes
- Fully accessible to operators of varying levels.
- Patented immersive imaging creates a truly unique patient experience and relaxed accommodation
- Prescriptions can be demonstrated in action with patented lifelike scenarios, helping to increase lens conversions
- 4 out of 5 people prefer being tested on Vision-S 700 compared to a traditional phoropter





REFRACTION SYSTEM

VISION-R 800

REINVENTING REFRACTION

- Patented optical module that controls power and provides prescriptions at 0.01D
- Continuous and simultaneous changes of sphere, cylinder and axis to improve efficiency and accuracy
- Silent and instant lens changes
- Smart tests and unique algorithms
- Smooth power changes and a wider field of vision to make the exam shorter and the refraction more comfortable
- Customizable tests and programs
- Possibility of comparing refractions in a customized and immersive real-life method
- Compare multiple data such as lensmeter and auto-refractor with one click

AUTOMATIC REFRACTOR

APH 550

HIGH-END AUTOMATIC PHOROPTER FOR SPEED, PRECISION AND COMFORT

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

MANUAL REFRACTOR

MPH 150

THE FEEL AND RELIABILITY OF A WELL-CRAFTED MANUAL REFRACTOR

- Gold-standard features to offer consistency in refractions
- Available in white or black, with plus and minus cylinder options
- Total control to perform advanced examinations
- High value and cost-effective





















SL 650

SUPERIOR IMAGE QUALITY. SIMPLY CAPTURED. OUTSTANDING PATIENT MANAGEMENT

- High-quality optics and cutting-edge LED illumination
- High-definition 5MP digital system to capture all details
- 5 magnification levels and a wide range of filters
- Integrated Anaeyes SL software and DICOM support for easy patient management
- Infrared module to allow meibography anaysis
- Integrated power supply for easy installation



SLIT LAMP

SL 400 / **SL** 300

ENSURING PRECISION AND SHARPNESS OF DETAILS

- High-definition optical resolution providing a wider and better view for more details of the pathologies
- Magnification levels easily accessible by drum rotation
- Instant access to all functions thanks toits compact, ergonomic design
- Bright LED Illumination with low-color temperature and high illuminatino intensity for a better experience
- SL300: 10x, 16x, 25x
- SL400: 6x, 10x, 16x, 25x, 40x

DIGITAL SLIT LAMP

SL 650⁺ GO FURTHER IN EYE ASSESSMENT WITH

- A COMPLETE DRY EYE MODULE
- Complete dry eye asessment with 5 tests
- Meibography, NIBUT (noninvasive break-up time), eye redness, tear meniscus, and lipid layer thickness
- Advanced software for accurate analysis of images
- Comprehensive report to share with patient



SLIT LAMP

SL 450 / **SL** 350

ESSENTIAL FEATURES TO FIT MORE EYES

- Tower illumination with HD optical resolution providing a wider and better view for more details of the pathologies
- Drum rotation magnification levels
- Instant access to all functions thanks toits compact, ergonomic design
- Built-in Yellow Filter
- Bright LED Illumination with low-color temperature and high illumination intensity for a better experience
- SL350: 10x, 16x, 25x
- SL450: 6x, 10x, 16x, 25x, 40x



SL 300



SL 350

me-check[®] DIGITAL IMAGING







OPE[®] IPL LIGHT THERAPY TECHNOLOGY





LIGHT THERAPY with IPL & LLLT

Essilor Instruments markets and distributes the full portfolio of solutions by the Espansione Group in the United States and Canada.

me-check	24
epi-c plus	24
equinox	24
Light therapy consumables	25

IPL & MASKS





22



















me-check[®]

ULTIMATE SOLUTION FOR EVALUATION OF THE EYE WHERE DISEASE OFTEN ORIGINATES

- Leverages complex algorithms for easy and repeatable screening
- Both eyes tested via 2D/3D meibography
- Average eye test conducted within 5 minutes
- Results set the course for effective treatment of the root causes of inflammatory conditions



TECHNOLOGY

OPE[®] IPL

OPTIMAL POWER ENERGY®. SAFE. CONVENIENT. NO GEL INVOLVED.

- No gel is required, air-cooling provides convenience of use
- Pre-installed treatment settings based on the skin type
- Provides homogeneous energy application
- Can be safely used on the patient's face, including the malar and periocular regions

TECHNOLOGY

LM[®] LLLT LIGHT MODULATION®.

THE POWER OF LIGHT, CUBED

- It is painless
- It grants immediate relief to the patient
- It is easy and safe for the operator
- It is plug-and-play and does not require the operator to be constantly present during treatment
- Stand-alone or supplemental application to OPE IPL
- Safe for most skin types on the Fitzpatrick scale

LIGHT THERAPY DEVICE

epi-c plus[®]

OPE® IPL AND LM® LLLT

Light Therapy (LM LLLT)

POWERHOUSE WITH BOTH

facial area, including the periorbital area

• Safe for most skin types on the Fitzpatrick scale

• Low cost per patient, fast ROI, and high satisfaction

LIGHT THERAPY DEVICE equinox®

PHOTOBIOMODULATION CHAMPION

- Focusing on the unique benefits of our LM LLLT technology
- Indicated for the application of localized heat on the facial area

• Features both of our core technologies, Optimal Power Energy®

Intense Pulsed Light (OPE IPL) and Light Modulation[®] Low-Level

• Optimal, non-invasive treatment of inflammatory conditions in the

• Durable stainless steel body with an upgradable operating system

- Complete and direct treatment
- Totally painless
- Quick and easy
- Low cost per patient, fast ROI, and high satisfaction



CONSUMABLES

LIGHT THERAPY















ESSILOR INSTRUMENTS GROUP

















BayouOphthalmic.com

Metro Ophthalmic.com



PremierOp.com







WalmanInstruments.com

26







CalCoastOphthalmic.com











SpectrumOphthalmics.com

ABOUT US

Essilor Instruments is a global leader in the development of state-of-the-art optometric and ophthalmic equipment. Our goal is to offer practices the equipment and services that will meet their business needs and help them build relationships with patients.

In 2024, Essilor Instruments announced the formation of the Essilor Instruments Network and welcomes **Bayou Ophthalmic Instruments**, **Cal Coast Ophthalmic, Metro Ophthalmic, Ophthalmic Instrument Company, Premier Ophthalmic Services, Spectrum Ophthalmics, Walman Instruments**, and **Axis Medical of Canada** to the network.

Experience unparalleled synergy with the Essilor Instruments Network, committed to elevating the ophthalmic, measuring, and finishing instruments experience of eye care professionals in North America. From coast to coast, the Essilor Instruments Network provides seamless access to state-of-the-art products, with the added benefit of differentiated after-sales service and support conveniently available under one roof. Focusing on customer satisfaction, the Essilor Instruments Network redefines excellence by setting new standards in the industry.

"Companies within the Essilor Instruments Network have all had decades of ophthalmic equipment sales, distribution, installation, and service experiences in all regions of the United States and Canada," said Jason Jimenez, Vice President, Ophthalmic Instruments North America. "Essilor Instruments sought to acquire their strong regional presence and wide product offerings to increase the reach and provide unparalleled service support."



SERVICES & SUPPORT

At Essilor Instruments USA, our Customer Consultants are experienced experts and stand ready to assist you with questions or issues you may have about your ophthalmic equipment. In addition, they oversee equipment installations and provide training. Together with our customer service, our Customer Consultants work to ensure you are satisfied with us as your business partner.

To request technical support for our ophthalmic products, please complete the form at Contact Us on EssilorInstrumentsUSA.com, call our special Ophthalmic Equipment line, 833.973.0703, or email optosupport@essilorinstrumentsusa.com. Our Customer Consultants have decades of experience in eye care from their affiliations with:

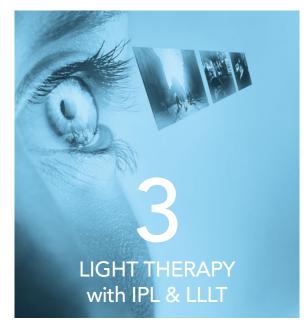
- Bayou Ophthalmic Instruments
- Cal Coast Ophthalmic
- Metro Ophthalmic
- Ophthalmic Instrument Company
- Premier Ophthalmic Services
- Spectrum Ophthalmics
- Walman Instruments
- Axis Medical of Canada



We provide ophthalmic equipment sales, installations, services and repairs, and technical support throughout the United States and Canada.



Auto Kerato-Refractometers6
Lensmeters7
Retinal Camera8
Topographers & Optical Biometers9
Tonometers10
Tonometers10 Perimeters



Me-check	24
EPI-C Plus	24
Equinox	24
Light Therapy Consumables	25



Acuity & Chart Systems	.16
Chair / Stand / Tables / Stools	.17
Refractors	.18
Slit Lamps & Imaging	20



Essilor Instruments Group26
Customer Service and Support30



