



As the population steadily increases, so does the number of eye diseases and disorders. As a result, the number of available eye care professionals haven't been able to keep up with the population's needs. That, combined with the increasing wait time for appointments, represent a crucial public health issue.

We want to provide patients worldwide with better access to eye health resources. We deeply believe that thorough research and understanding of the existing challenges and innovation through multimodal technology, automation, miniaturization and AI will be key to unlocking the potential of eye care professionals to best serve their patients.

JOIN 115,000 EYE CARE PROFESSIONALS USING OUR PRODUCTS EVERY DAY

Visionix offers a comprehensive portfolio of innovative instruments covering most needs of opticians, optometrists and ophthalmologists.

- **The largest portfolio of visual health instruments**

Over the past 100 years, renowned companies like Weco, Briot, Visionix, Nextsight and Optovue have developed instruments for refraction, diagnostic, finishing and measurement, covering a wide range of requirements for all eye care professionals. They have joined forces to become a powerful global player in the eye care industry.

- **Innovative Research and Development**

Dr. Abitbol created Visionix® in 1994 with the ambition of making democratizing technology- the wave front, or Shack Hartmann technology accessible to all. This technology was initially reserved for cutting edge sectors such as astronomy. His aim was to use it for vision health care by including it in diagnostic and measurement instruments. Since then, this spirit of disruptive innovation has been cultivated throughout the company, which operates R&D centers in Israel and France.

- **Close to our customers, internationally**

We serve opticians, optometrists and ophthalmologists directly across Europe and North America and through our partners in Asia and South America.

With an expanded product line, 100 years of innovation, as well as a new level of support, clinical education, and practice integration, we are well-positioned to help you unlock your potential.

Flash the QR code to visit the web product page with pdf documentation

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VX 650

The unique eye health monitor

Visionix® VX 650: a single multi-modal instrument for complete detection and follow-up of major anterior and posterior ocular pathologies.

Visionix® VX 650 revolutionizes ocular assessment by introducing the first and only solution allowing eye care professionals (ECPs) to deliver a comprehensive eye exam at the push of a button. It combines an aberrometer, a fundus camera, and all essential technologies to monitor both anterior and posterior segments in a single device. The highly automated Visionix® VX 650 allows a moderately trained user to detect a wide range of visual pathologies.

Anterior and posterior segment analysis:

A comprehensive multi-modal device for anterior / posterior segments measurement and analysis (ARK, Aberrometer, Topographer, Pachymeter, Scheimpflug camera, Tonometer and new integrated Fundus camera the Fundus camera).

Full range of clinical applications: From cornea to retina, it detects all major defects and pathologies, including dry-eye, keratoconus, cataract, glaucoma, nevus, diabetic retinopathy, retinal hemorrhage and more.

Increased level of eyecare without delay: Reduce overall patient movement and time in the pre-test room while providing a comprehensive examination to every patient.

Automated and intuitive data collection: Accurate and reproducible results regardless of the operator.



Efficient data management: Results available for GDPR (General Data Protection Regulation) and HIPAA (Health Insurance Portability and Accountability Act) compliant data sharing, for either local or remote review.

Telehealth and remote-ready: The device can be fully operated remotely. Additionally, data is available for review by a licensed practitioner - from anywhere.



Nexus, our new digital health solution platform, is specifically designed to connect all eye care professionals, even remotely, allowing you to bring ophthalmologists' expertise to patients in any eye screening location.

Visionix telehealth : customizable solutions for enhanced patient care

The Visionix telehealth solutions are unique streamlined approaches that can be tailored for any eyecare facility to enhance services, maximize accessibility, and exceed patient expectations. These options combine cutting edge technology with modern telecommunication to provide the most efficient vision care that the digital age has to offer. The Visionix Nexus platform offers a convenient, user-friendly, and versatile way to create a personalized system that fits the distinct needs of every practice type and patient population with easy integration into practice's patient workflow . Each solution provides high-quality, modernized care, and unmatched patient convenience to produce the best possible outcomes while helping bridge the gap in eyecare professionals.

TELEHEALTH ANTERIOR / POSTERIOR SCREENING

All visual health testing is done on-location by a local eyecare provider or an operator. This is an **asynchronous model** where specific patient **data and test results are sent via the secure Visionix Nexus portal to a remote human grader review**, determine recommendations and create a follow-up plan remotely. The patient test results sent can range from retinal pictures to a more comprehensive set of tests (compatible with multiple devices such as the Eye Refract, VX120+, VX650, etc.). Primary patient contact is done through the on-location provider which improves specialist availability, avoids scheduling issues, and allows for additional research and time to formulate a response ⁽¹⁷⁾.

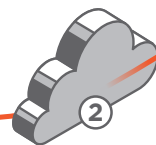
In store

Data collection



Off-site

Data review



Visionix Nexus
Data transfer
encrypted and secured

The process starts with **in-store data collection**, followed by sending the report for evaluation. An **external ophthalmologist** reviews the data, conducts a thorough analysis, and graduates the report for an optimally secure assessment of results. After secure transfer, **the consumer receives advice** and, **if needed, a referral to an ophthalmologist for further evaluation.**



VX 610 A.I.

Take an Easy Step in Eye Health with Effective Retinal Screening

The VX 610, equipped with EyeWisdom® MCS A.I.* solution, allows you to expand your visual health capabilities. By playing an active role in retinal screening, you can support the health of your community and enhance your customer experience

SIMPLE INTEGRATION FOR A SMOOTH END-USER FLOW

Retina Screening and Data Collection: The Eye Care Professional (ECP) initiates the process.

A.I. Screening*:

- The ECP can request an A.I.* screening to produce a report that builds evidence.
- If further investigation is recommended, the ECP can request external human grading from an off-site ophthalmologist.

Internal Review: The ECP reviews the report and suggests the best next steps to the client.

END-CUSTOMER RECOMMENDATIONS

It is advisable to refer to an ophthalmologist. The result of the A.I. software shows a suspect of anomalies in the portion of the posterior pole analyzed. Periodic appointments with an ophthalmologist help to prevent retinal diseases that might cause vision damage.

SIMPLIFIED OUTCOMES: EASY-TO-INTERPRET REPORT

The A.I.* solution integrated in VX 610 detects up to 13** retinal pathologies. The A.I.* report displays the 4 major ones:

- 1: Diabetic retinopathy
- 2: Retinal vessel occlusion
- 3: Pathologic myopia
- 4: Exudative ARMD

VX 610 A.I.* Camera Features:

- No Eye Drops, No Dilatation Needed
- Robotic Movements: Auto-Alignment, Auto-Focus, and Auto-Capture
- Automatic Capture of High-Quality Images
- Pleasant Aesthetic: Small Footprint and Ergonomic Design
- Modern Gesture Interaction: Intuitive Interface Facilitates Quick Start and Smooth Navigation
- No Training Needed

TRIPLE COMFORT

- 1: Fully Automatic
- 2: Simple and Fast Acquisition
- 3: Quick and Easy Reporting

TRIPLE BENEFITS

- 1: Enhance Customer Satisfaction and Loyalty
- 2: Generate Additional Revenue Streams
- 3: Differentiate Your Business

START TO FINISH IN 6 MINUTES

- 1: 3 Minutes to Sign Up
- 2: 2 Minutes for Both Eye Exam
- 3: 1 Minute to Get the A.I. Report*
- 4: Optional Human Grading
- 5: Close Collaboration with the Ophthalmologist



VX 610 AI: TELEHEALTH RETINA SCREENING

This groundbreaking retinal imaging system is an integrated telehealth platform that combines AI assistance in identifying retinal abnormalities with possible additional collaboration with an ophthalmologist for full scope ocular care.

The VX 610 captures non-mydratric 45° retinal images, provides immediate feedback on image quality and automatically evaluates images for retinal abnormalities through an AI-assisted algorithm. Results are produced in a printable PDF report, highlighting any relevant findings related to potential pathology, within 1 minute. Also, the next steps or recommendations are presented in the report to guide patient pathway.

In store

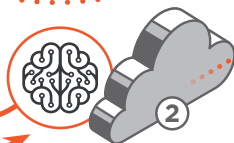
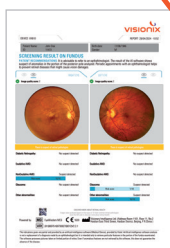
Data collection

A.I. REPORT



Off-site

Possible data review



Visionix Nexus

Data transfert
encrypted and secured

Process start with **retina screening** and data collection. The ECP can request an **A.I. screening** producing a report which build evidence. If further investigation is recommended, the ECP can request **external human grading from an off-site ophthalmologist**. Finally, the ECP internally reviews the report, **drawing conclusions for the client**.



Flash the QR code to watch the step-by-step video



VX 120+ *Dry eye*

WAVEFRONT ANTERIOR SEGMENT ANALYZER WITH DRY EYE SCREENING

The VX120+ dry eye is a multi-diagnostic wavefront anterior segment analyzer, the first to combine Scheimpflug optical pachymetry, Shack-Hartmann wavefront aberrometry, placido ring corneal topography, and an advanced dry eye screening module that can perform a battery of tests to give you a comprehensive analysis of the patient's visual health. All-in-one testing includes: autorefraction/keratometry, corneal topography, wavefront corneal aberrometry, wavefront ocular aberrometry, optical pachymetry, retro-illumination, anterior corneal elevation maps, non-contact tonometry, and dry eye anterior imaging module.



VX 130+

WAVEFRONT SEGMENT ANALYZER

The VX130+ is our most advanced multi-diagnostic instrument, its primary advantage being that it can measure both anterior and posterior surface elevation of the cornea to help screen for complex pathologies such as Keratoconus. All-in-one testing includes: autorefraction/keratometry, corneal topography, wavefront corneal aberrometry, wavefront ocular aberrometry, optical pachymetry, retro-illumination, anterior/posterior corneal elevation maps, and non-contact tonometry.



VX 120+

WAVEFRONT SEGMENT ANALYZER

The VX120+ is a multi-diagnostic wavefront anterior segment analyzer that is focused on value for a practice that does not have a need or already has a dry eye screening regimen in place. All-in-one testing includes: autorefraction/keratometry, corneal topography, wavefront corneal aberrometry, wavefront ocular aberrometry, optical pachymetry, retro-illumination, anterior corneal elevation maps, and non-contact tonometry.



VX 110+

WAVEFRONT SEGMENT ANALYZER

Addressing the needs of practices that already have a pachymetry and tonometry regimen in place, Visionix® created the VX110+. This wavefront anterior segment analyzer forgoes the Scheimpflug pachymetry and non-contact tonometry featured in the VX120+ while retaining core screening tests such as corneal topography and wavefront aberrometry. All-in-one testing includes: autorefraction/keratometry, corneal topography, wavefront corneal aberrometry, wavefront ocular aberrometry, and retro-illumination.



Diagnostic devices selection guidelines

VISIONIX DIAGNOSTIC RANGE

	VX 110+	VX 120+	VX 120+	VX 130+	VX 650
AR-K based WF					
AR-K	•	•	•	•	•
Ocular Aberro.	•	•	•	•	•
Retro	•	•	•	•	•
Corneal Topograph	•	•	•	•	•
Non Contact Tonometer		•	•	•	•
Scheimpflug Camera					
Pachymetry		•	•	•	•
Full Eye Tracking	•	•	•	•	•
Back surface of the cornea				•	•
Remote Access	•	•	•	•	•
Offline/Webservice	•	•	•	•	•
Colour camera			•		•
Dry eye					
NBUT			•		•
Efron classification			•		•
Tear meniscus value			•		•
Fundus Camera					
					•



VX 85

MOTORIZED EXAMINATION SLIT LAMP

The VX 85 slit lamp is characterized by a closed bearing base, which makes precise and easy positioning in front of the eye. The base also integrates the power cable making the unit appears cordless. Light intensity is supplied via an electronic lamp regulator located in the unit base.



VX 80

COST EFFECTIVE RELIABLE TECHNOLOGY

The VX80 slit lamp is equipped with efficiently placed operating controls for easy use. Slit width, height and rotation and filters are easy to adjust.



mw 50D

DIGITAL & CLINICAL

New MAGWIDE Slit Lamp: a towards revolution in super-wide magnification fine optics. 5M pixel wide dynamic range CMOS camera that reproduces natural color. Captures images at a high frame rate of 30 fps for smooth movies.



VX 70

STEREO MICROSCOPE

With its modern optical design, the VX70 will cover all the needs of your practice. This slit lamp utilizes a multi-coated system which transmits light more efficiently for very good clarity. The LED light source is more economical, much better for the environment with 100x longer life than a halogen bulb and provides a more uniform illumination. Available in 5 x, 3 x or 2 x magnifications.

Slit lamps selection guidelines

	MW 50D	VX 70	VX 80	VX 85
Magnifications	5x/10x/16x/25x/50x	2x/3x/5x	3x/5x	3x/5x
Parallel version			•	•
Convergent version	•	•	•	•
Height adjustment: manual version	•	•	•	•
Height adjustment: motorized version				•
Slit width	0 - 16 mm Continually	0 - 14 mm Continually	0 - 14 mm Continually	0 - 12mm Continually
Slit length	1 - 16 mm Continually	1 - 13mm Continually	1 - 12mm Continually	1,5 - 11mm Continually
Slit apertures	16; 14; 10; 5; 2; 1; 0,2mm	14; 10; 6,4; 3; 1; 0,2mm	12; 9; 5; 3; 1; 0,2mm	12; 8; 5; 0,2mm
Tyndall point	Ø 0,2mm	Ø 0,2mm	Ø 0,2mm	Ø 0,2mm
Slit rotation	± 90° Continually on TABO scheme	± 90° Continually on TABO scheme	± 90° Continually on TABO scheme	± 90° Continually on TABO scheme
Working distance	100.5mm	100mm	88mm	68 mm
Average viewing height	374mm	375mm	375mm	375mm
Light	LED	LED	LED	LED
Max light intensity	300 000 Lux	300 000 Lux	350 000 Lux	350 000 Lux
Longitudinal (In/Out)	100mm	99mm	113 mm	113 mm
Lateral (Left/Right)	110mm	118 mm	107 mm	100mm
Vertical (Up/Down)	30 mm	30 mm	30 mm	30mm
Chin-rest height	76mm from table surface	76mm	66 31mm	70mm
Stereo angle	8°	6°	6°	6°
Eyepiece	12,5x	10x	12,5x	12,5x
Total magnification/field of view (in mm) for 2 magnifications		10x/27; 16x/16		
Total magnification/field of view (in mm) for 3 magnifications		10x/27; 16x/16; 25x/11	8x /30 ; 14x /16 ; 24x / 9	NA
Total magnification/field of view (in mm) for 5 magnifications	5x/44,5; 10x/22,3; 16x/14,2; 25x/9 ; 50x/4,5	6x/43; 10x/27; 16x/16; 24x/11; 40x/7	5x/45; 8x/30; 14x/16; 24x /9; 36x / 5, 8	5x/45; 8x/30; 14x/16; 24x /9; 36x / 5, 8
Pupillary adjustment	55 - 80mm	52 - 90mm (2 magnifications) 55 - 75mm (3 or 5 magnifications)	48,5 - 80mm	48,5 - 80mm
Diopter adjustment	+/- 8D	+/- 6D	+/- 6D	+/- 6D
Blue (fluorescence)	•	•	•	•
Green (red-free)	•	•	•	•
Grey (anti heat)	ND (12.5%)	•	•	•
Yellow	•		•	•
Power supply	Provided	Provided	8475-8001-00	8475-8001-00
Power supply for the slit lamp	DC12V	3,4V, 700mA	-12V CA;	12V AC
Power supply for the fixation point	DC12V	5v	12V	12V
Input voltage	100V - 240V AC; 60/50Hz	110V / 220V AC; 60/50Hz	110V / 220V AC; 60/50Hz	110V / 220V AC; 60/50Hz
Fusible	T400mmAH 250V	NA	"100-120V CA -- 1A 230- 240V CA -- 0,5A"	1,2A
Width	350mm	380mm	299mm	240mm
Depth	387mm	530mm	313mm	300mm
Height	678.5mm	780mm	644315mm	440mm
Weight	Packed: 22Kg	Packed: 26Kg (2 magnifications), 28Kg (3 or 5 magnifications)	Lamp: 8,7Kg Digital lamp: 9,4Kg	12,0Kg Instrument (excluding accessories; Headrest: 1,5Kg)
MDD, CE	•	•	•	•
Safety class	I	I	I	I
Parts applied	Type B	Type B	Type B	Type B
Tonometer	8475-8000-00	8480-5010-00	8480-8000-00	8475-8000-00
Tonometer support plate	8226-8400-04	Provided with the tonometer	8480-8003-00	8475-8002-00

optovue solix

SOLIX features ultra-high-speed scanning for a FullRange field of view. It manages to be wide and deep, without sacrificing image clarity or resolution.

SOLIX is a new technology built upon a proven foundation of high-speed Spectral Domain OCT. This FullRange platform empowers practitioners to identify and manage numerous pathologies from the front of the eye to the back for a vastly superior diagnostic experience. SOLIX delivers multiple tools for a new generation of disease anagement that improve throughput and enable superior patient care.



Technical specifications

SOLIX CONFIGURATION

- **Solix FullRange OCT with AngioVue Expert** Posterior and Anterior OCT Imaging with Fully-Featured OCTA

SOLIX TECHNICAL SPECIFICATIONS

OCT Imaging | Retina

Scan Speed	120,000
Axial Resolution	5 μ m (in tissue)
Lateral Resolution	15 μ m (in tissue)
Transverse Resolution	15 μ m (in tissue)
Scan Depth	Up to 3 mm (regular mode) Up to 6.25mm (FullRange mode)
Scan Width	3mm - 16mm
Dioptic Range	-15D to +15D
Pupil Size	\geq 2.0 mm

OCTA Imaging

Retina Scan Sizes	3x3mm, 6.4x6.4mm, 9x9mm and 12x12mm
Disc Scan Size	6x6mm
AngioVue Montage	Two 9x9mm scans, four 9x9mm scans

OCT Imaging | Anterior Segment

Lateral Resolution	18 μ m (Regular CAM) (in tissue) 36 μ m (FullRange CAM) (in tissue)
Scan Depth	Up to 3 mm (regular lens) Up to 6.25mm (FullRange lens)
Scan Length	2mm - 18mm

Fundus Photography

Resolution	5MP
Scan Mode	Color, red-free*
Field of View	45° and 35° (small pupil mode)
Dioptic Range	-35D to +30D
Pupil Size	\geq 4.0 mm; \geq 3.3 mm (small pupil mode)

External Photography

External Photograph	Color (white light flash)
External Infra-Red (IR) Image	IR (940nm illumination)

Electrical and Physical Specifications

Weight	95 kg (210 lbs)
Instrument Dimensions	1072mm X 600mm x 610mm (W 39.4 x D 31.5 x H 59 inches)
Table Dimensions	952mm x 600mm x 913mm (W 36.2 x D 23.6 x H 35.9 inches)
Fixation	External and 13-point internal
Electrical Rating	AC 100V-240V

Computer/Networking Specifications

Operating System	Windows 10
CPU	Intel Core i7-8700 processor or above
RAM	32GB DDR4 or more
Hard Drive	Solid state drive 256GB for operating system Main drive 4TB Back-up drive 4TB
DICOM	DICOM MWL, DICOM storage
Networking	NetVue Pro Review Software - Up to 10 Workstations

*Color image is processed and then displayed as a pseudo red-free image.

optovue solix *Essential*

With Optovue Solix Essential you have everything you need for your patients and your practice.

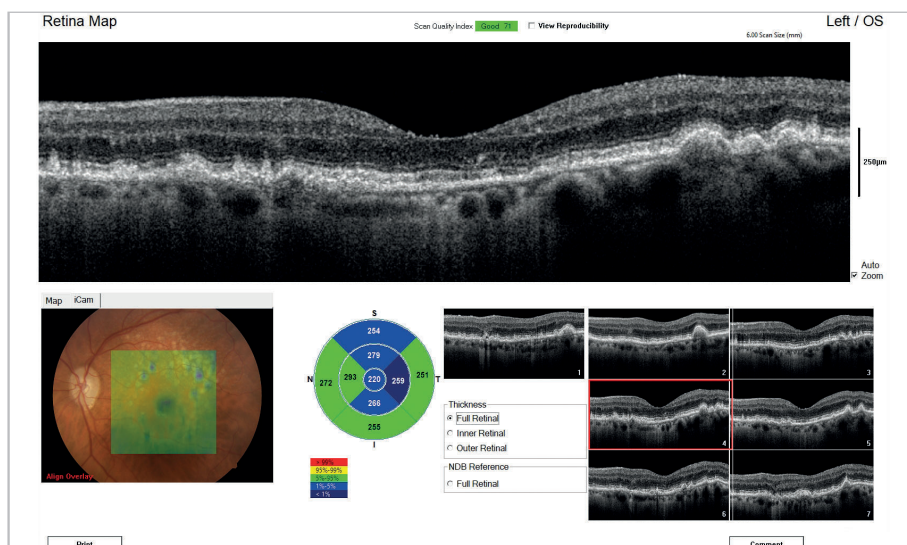
Optovue Solix Essential is a technology built upon a proven foundation of high-speed Spectral Domain OCT. The Optovue Solix Essential offers state-of-the-art imaging from the cornea to the choroid with exclusive technology that will change your approach to disease diagnosis and management.



OCT Wellness protocol

The SOLIX wellness protocol can reveal the need for more extensive imaging, as well as streamline the exam process, both by quickly confirming normal function and by aiding in more efficient diagnosis of pathology. In addition, wellness programs improve patient involvement and retention for practice differentiation and growth.

OCT wellness generates a single, comprehensive report to promote better overall eye health. The report includes a 12x9mm structural scan that optimizes metrics on retinal thickness and ganglion cell thickness to the superior/inferior arches. High-resolution B-scans provide excellent visualization of retinal structures.





optovue iScan80

FULLY-FEATURED OCT MADE EASY

Meet iScan80®, the high-speed 80kHz OCT that sets the standard for efficiency-perfect for ECPs seeking an affordable and versatile OCT system. It's ideal for practices with limited staff since iScan80 delivers consistent scan acquisitions with minimal training and vocally guides patients through an entire exam with 12 different language options. The new iScan80 delivers the following advancements:

- 80,000 A-scans per second
- 3x faster than the original iScan OCT
- Simplified scan acquisition
- New reports
- Wider field of view



optovue iVue80

HIGH-SPEED 80KHZ OCT + FUNDUS CAMERA OPTION

The iVue®80 OCT is a powerful clinical tool that transforms the way you assess the retina, optic disc and the cornea. Easily measure the thickness of the retina, nerve fiber layer, ganglion cell complex and the cornea. Track change and predict trends in RNFL and GCC thickness and precisely measure angles to aid in disease diagnosis.



optovue iFusion80

THE COMPLETE RETINAL IMAGING IFUSION COMPREHENSIVE OCT AND CAMERA PLATFORM

iVue80 can be paired with the new high-resolution iCam12 fundus camera to create iFusion80, a space-saving, all-in-one imaging system.



A decade of innovation



optovue solix


VISIONIX | 17
INNOVATION TO UNLOCK YOUR POTENTIAL

Eye Refract

A.I.-POWERED BINOCULAR PHYSIOLOGICAL REFRACTION

The Eye Refract™ system uses dual, Shack-Hartmann wavefront aberrometers, combined with a fully automated digital phoropter, to deliver highly accurate and reproducible refractions in less than four minutes. The tablet-driven process can be conducted by a staff member with limited training while still delivering consistent results.




VX 40

WAVEFRONT LENS ANALYZER

Visionix wavefront technology allows you to have a detailed analysis of a frame at the push of the button in 30 seconds. The Visionix VX40 autolensmeter can detect and analyze bifocals, progressive, and single vision lenses and is compatible with nearly all lens technologies and brands. VX40 included in the Eye Refract refractive suite or sold separately.



Visionix Nexus is a data exchange platform for eye care providers, supporting asynchronous teleradiology, remote device control, and a way to access artificial intelligence database. It allows live interactions between optometrists, ophthalmologists, patients, and in-store operators.

EYE REFRACT		Ref. 30230000-00		VX 40		Ref. 3014-0000-00	
Output		<ul style="list-style-type: none"> • RS-232 / USB2.0 / VGA / LAN • Embedded bluetooth / Wifi 				Number of analyzed points:.... Up to 1350 Sphere power:.....-15 - +10D (step 0.01, 0.06, 0.125, 0.25D) Cylinder power:..... 0 - 10D (step 0.01, 0.06, 0.125, 0.25D) Cylinder axis:.....0 - 180° (step 1°) Addition power:..... 0 - 33.5D (step 0.01, 0.06, 0.125, 0.25D) Prism power:.....0 - 310 Δ (step 0.01 Δ) PD measurement:..... Mono / Bino Cylinder:..... -, +	
Hardware		Tablet Android Chinrest..... Electrical Near Vision Target 250-700mm, Mini tablet 7" Head..... Autofocus, autocentering		Measurable range			
Range		Sph.....-30.00D to +27.25D Sph step.....0.125 / 0.25D Cyl.....-8.00 to +8.00D Cyl step.....0.25 / 0.50 / 1D Optical axis.....0 to 180° Axis step.....1° / 5° / 10° / 45° Prisms0 to 20D Prims steps0.25D Kerato6mm-9mm (37.5D-56D)		General		Printer..... Internal Screen..... LCD/16M colours, 7" Light source LED - 730nm Working conditions 10 to 40°C Data output RS-232, Bluetooth	
Communication		 Remote Refraction (optional)		Console		8160-8025-00	
		Shack Hartmann Camera Each of the 1050 points = one measure					
Table VX 40-ER		8160-0025-01					
VX 25-ER							

VX 25		Ref. 8225-0000-00	
Measurable range		<ul style="list-style-type: none"> • Screen type LCD 1920x1200 pixels • Size 7" LCD (color) High resolution Monitor • Maximum contrast 1000/1 • Luminance 250 cd/m² • Reading distance 5 meters • Visual acuity range..... 0.1 to 2.0 - 20/500 to 20/10 • VX 25 power supply 100-240V CA - 50/60Hz - 1.3A • Screen power supply..... 12V DC • Consumption..... Max 60W • Protection against electric shocks..... Class 1 • IP Classification IPX0 • Size 315mm (length) x 660mm (height) x 320mm (width) • Weight..... 28kg • Connections with phoropters..... RS232-C or IR or wifi • Sound output Sound output jack 3.5mm 	

VX 22 Linear polarisation LP		Ref. 8225-0000-00	
Measurable range		<ul style="list-style-type: none"> • Screen size 23.6 inch • Resolution..... 1920x1080 • Luminance 250 Cd/m² • Reading distance 2 to 8 meters (78 to 315 inch) • Visual acuity..... 0,1 to 2,0 • Power supply..... 100-240V CA - 50/60Hz - 1.3A • Built-in speaker • Interface RS-232, IR, 4 Usb, VGA, Hdmi, Lan • Built-in LED for external fixation point • Possible media support for advertising purposes : ASF, WMV, WMA, OGG, MOV, RM, RA, RAM, MP4, MPEG, AVI, VOB, MPG 	

Stands and Mounts		<ul style="list-style-type: none"> • 7191013 Floor stand (Optional) • 7610022 Table stand (Optional) • 8230-5041-07 VESA wall mount (included) 	
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Accessories		<ul style="list-style-type: none"> • Batteries for remote control dongle • USB stick • Radio remote control • Power supply cable and transformer • Matching tests for child tests • Red / green frame • Circular polarised frame 	
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VX 25

SPACE SAVING CHART SOLUTION

This screen has been designed for optimal results in the prescreen exam room thanks to its ergonomic design, streamlined style, and the large number of tests included. This device is used within the Eye Refract™ system for refraction purposes in ophthalmology, visual acuity and binocular vision testing. It is also used with the digital phoropter VX65.

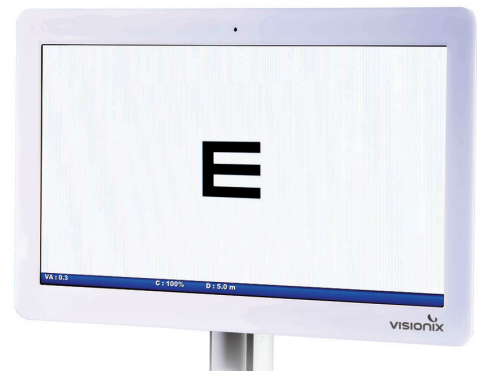


VX 22

AVAILABLE IN 3 VERSIONS : CIRCULAR, LINEAR AND NON-POLARIZED CHART DISPLAYS

The VX22 LCD display, with its 23.6" size is available in 3 versions: non-polarized, linear polarization and circular polarization, making it adaptable for any request in any country. This screen has been designed for optimal results in the exam room thanks to its ergonomic design, streamlined style, and the large number of tests included.

The chart display can be synchronized with the Visionix binocular dynamic eye exam Eye Refract™ and Visionix automatic phoropter VX65 through optional cables or WiFi. Once synchronized, changing the charts is possible thanks to the VX65 remote panel or Eye Refract™ tablet.



VX 65

AN ESSENTIAL PHOROPTER YOU CAN RELY ON

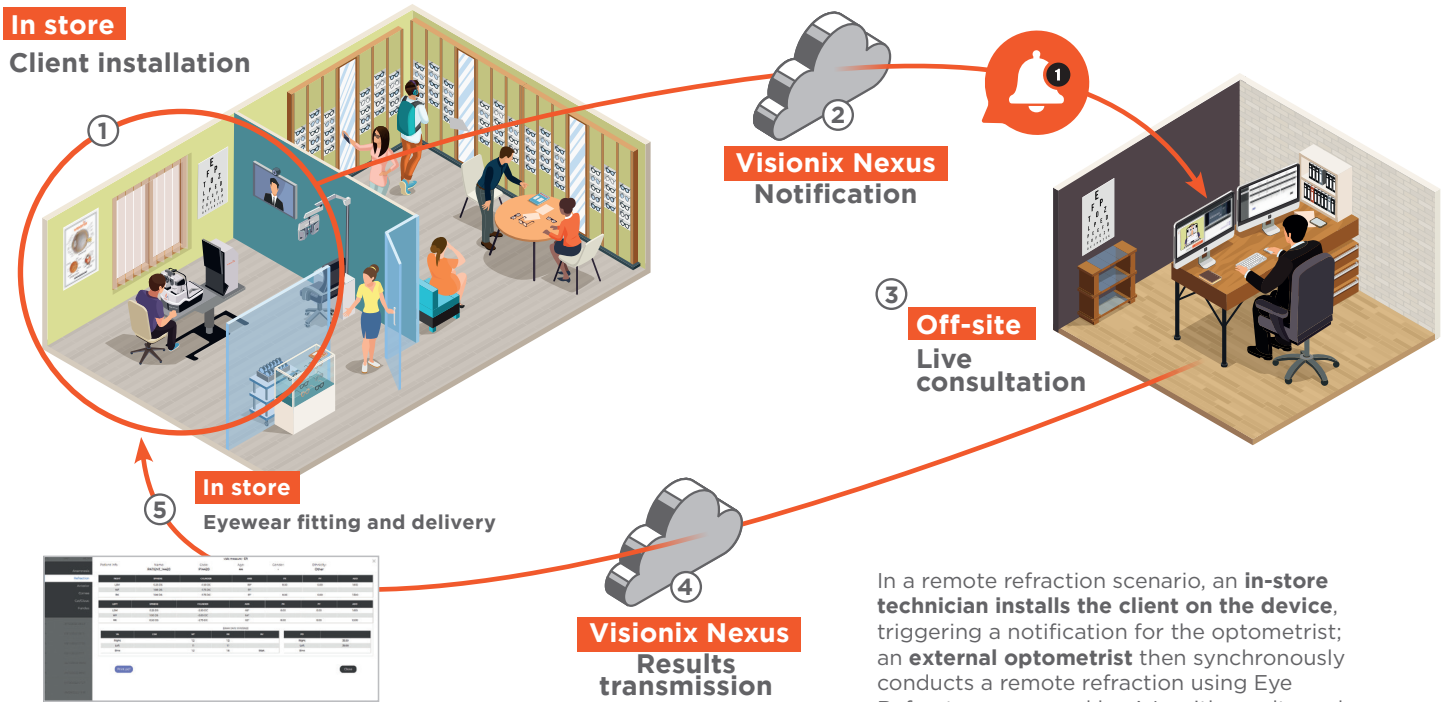
Do you ever wonder how many refractions you carry out day after day, all year round? We designed the VX65 to tackle the toughest workloads: 20 refractions a day, 300 days per year for 10 years. That is 60,000 times less you need to bend over a manual phoropter turning dials and knobs.

This phoropter adapts to the way you work. It is ideal for multi-skilled practices and can switch between digital manual phoropter and auto-phoropter mode any time. Control the entire refraction process with either the tablet or an optional ergonomic control panel.



REMOTE BINOCULAR PHYSIOLOGICAL REFRACTION

The **Visionix Nexus platform** offers an innovative approach that maximizes telehealth capabilities with a personal touch in this synchronous model. **Optometrists can perform a comprehensive eye exam by interacting directly with patients via livestream video**, remotely perform remote refraction to determine spectacle correction and review results of technician-administered tests with patients live during the consultation. **This approach most closely resembles a traditional eye examination, but remotely.** The doctor can build patient rapport through direct communication, personal attention, and responding to all questions/concerns. The patient-doctor-technician team can coordinate a follow-up plan together and maximize patient compliance. This solution is a great option when partner specialists are available to see scheduled patients.



In a remote refraction scenario, an **in-store technician installs the client on the device**, triggering a notification for the optometrist; an **external optometrist** then synchronously conducts a remote refraction using Eye Refract, empowered by A.I., with results and data transmitted via Nexus, followed by the in-store technician providing the client with the eyewear fitting and delivery.



Flash the QR code to watch the step-by-step video



retinomax 5

HANDHELD AUTO REFRACTOMETER WITH EYE PIECE

Not only does the device let the examiner know the cylinder axis angle, but it also adjusts automatically if it is not level. Regardless of the inclination of the device, the internal gyroscope gives the degree of inclination generated.



retinomax K+5

HANDHELD AUTO REFRACTOMETER KERATOMETER WITH EYE PIECE

The measurement process takes only 0.14 seconds. The pupil size is automatically measured, displayed, and printed. The measurement is done five times. If the data is unstable, the system will automatically retry 3 times in order to get the most stable result.



retinomax screen

HANDHELD AUTO REFRACTOMETER WITH TILTING SCREEN

While the measurement is being taken, a melody continually plays to keep children's attention. A constantly changing color display, both on the outside and inside of the device, also keeps children involved during the process.



retinomax K+Screen

HANDHELD AUTO REFRACTOMETER KERATOMETER WITH TILTING SCREEN.

The low-reflection 3.5 inch monitor, featuring a tilting screen with a 100 degree seamless range of motion allows both new as well as existing Retinomax users to easily adapt to retinomax screen's user-friendly design.



VX 90

ARK WITH AUTO FOG SYSTEM

The VX90 is an ophthalmic diagnostic device with refraction and keratometry functionalities as well as accurate detection of cataracts. A moving fixation target with auto fogging allows the patient to fully unaccommodate in order to capture refraction in any conditions.



speedy K2

AUTO REFRACTOMETER KERATOMETER BASED UPON THE RETINOSCOPY MEASUREMENT PRINCIPLE

Speedy-K2 Autorefractor Keratometer provides accurate refraction and keratometry measurements in a compact design.



VX 36

AUTOMATIC LENSMETER

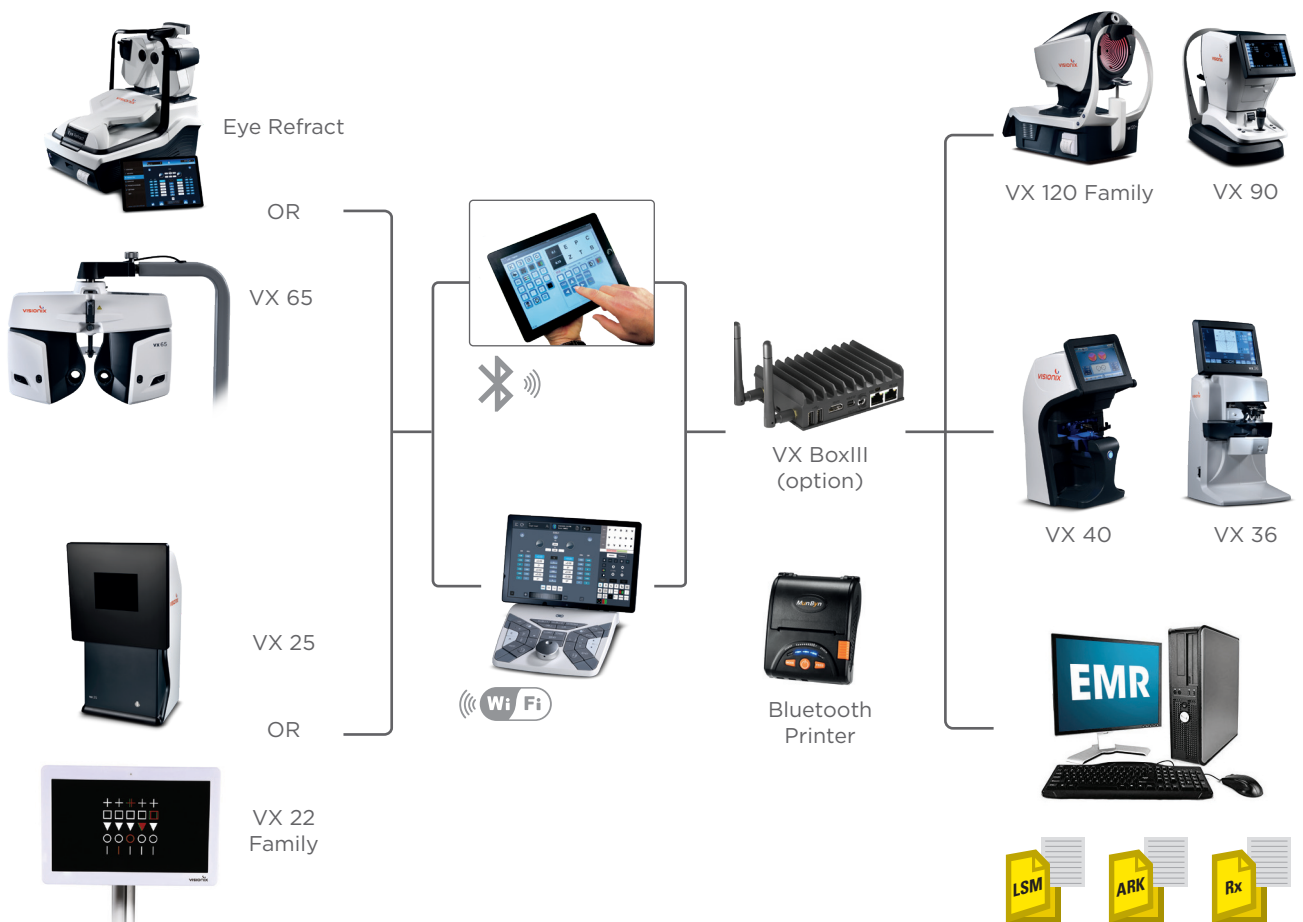
This generation of lensmeter measures the rate of transmission of the blue light and offers an intuitive user interface to enable the user to perform lens measurements simply and easily.



Integrate with the Visionix suite of equipment and EMR*

- Full data management dashboard to manage your data from external devices (EMR/ARK)
- Import data wirelessly from other devices (such as AR/K and lensmeters) via VXbox
- Export refraction data into your EMR system at the touch of a button

* Electronic medical reports



VX 1000

VISIONIX® COMPACT UNIT FOR 2 INSTRUMENTS

Comfortable and compact refraction unit, the VX1000 adapts itself to all environments even the smallest one. It is the ideal solution for refraction daily practice.



VX 1200

2 INSTRUMENTS CONSOLIDATION UNIT WITH SLIDING TABLE

A compact and complete refraction unit, the VX1200 allows eye care professionals to realize a refraction in a minimum amount of time and its sliding table provides easy access to necessary instruments.



VX 2200 / 2200H

2 INSTRUMENTS UNIT

The VX 2200 unit powered by an exclusive movement technology. The vx 2200 is a versatile unit, highly compact and adaptable to the different end users habit. VX 2200 has been designed to perfectly fit with Visionix instruments.



VX 3000 / 3000H

3 INSTRUMENTS UNIT

Three instruments consolidated into one unit. Each are mounted on a surface that can be manually rotated, making it more accessible for patients in a wheelchair.



Refraction units features and options

FEATURES	VX 1200	VX 2200 / 2200H	VX 3000 / 3000H
Control panel with buttons	•		
Control panel with LCD screen		•	•
Screed lock electro-mechanical system		•	•
Projector support		•	•
Electric elevation of chair	•	•	•
Seat rotation	•	•	•
Electric arm	•		
Inclination of back-rest		•	•
Removable foot rest		•	•
Removable arm rest	•	•	•
Number of instruments	2	2	3
Additional furnish with drawers		•	•

OPTION	Reference	VX 2200 / 2200H	VX 3000 / 3000H
Counter balanced Phoropter right arm	7060017	•	•
Counter balanced Phoropter left arm	7060025	•	•
Automatic phoropter right arm VX2000	8115-8200-01	•	
Automatic phoropter left arm VX2000	8115-8200-02	•	
Automatic phoropter right arm VX3000	8115-8300-01		•
Automatic phoropter left arm VX3000	8115-8300-02		•
Electrical backward/forward movement for chair	7720034	•	•
Manual backward/forward chair movement	7240030	•	•
Trial lens tray	8105-8003-00	•	•
Wheel chair access (castor version)	8105-8200-00	(only H version)	(only H version)
Desk	8115-8000-01	•	•
Combo drawer	8115-8003-00	•	•

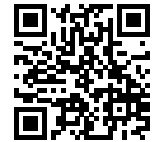
briot couture

Unique 3D visualization and intelligent edging

Briot Couture: a highly intuitive lens finishing system suitable for any optical store. Briot Couture includes the world's first virtual 3D lens rendering technology to simplify the finishing process for all opticians.

Using various frame and lens parameters, along with Virtual 3D Lens Simulation, a user can display how a lens fits into a frame before beginning the edging process. This allows the optician to confirm fit before edging. The True Fit Bevel chooses the best bevel position and bevel depth/width to fit the lens into the chosen frame with the least amount of stress on the frame and lens.

The 3D visualization allows for a 3D view of the lens fitting within the frame to determine the best lens type for the chosen frame as well as to confirm possible stress points for the lens fitting. The Torque Management System optimizes the edging cycle time without the risk of lens slippage.



briot attitude3

ENHANCE YOUR PRODUCTIVITY WITH SMART EDGING

The Briot Attitude 3 edging system raises the bar for what is possible in your in-house finishing workshop and offers a truly customized eyewear experience. The Attitude 3's incredible accuracy and speed makes it the perfect lens processing solution for any modern optical practice.



briot attitude evolution

THE CORE DUO FOR YOUR WORKSHOP

Use the best available shape reproduction processes, TrueScan and GraviTech®, to achieve perfect shape dimensions with an unbeaten, automatic blocking process and superior edging. The Briot Attitude-Evolution Combo is an invaluable asset in the optician's lab, serving to make the process fast and extremely reliable.



briot evolution

PERFECT SHAPE REPRODUCTION AND SIZING

Briot has developed the first optical tracing system capable of using just one reference point to recreate a flawless 3D shape in just 4 seconds. With our patented GraviTech® technology, users achieve perfect shape reproduction and sizing with results that are superior to mechanical tracers.



briot emotion2

POWERFUL SIMPLE EDGER

The Briot Emotion 2 is an all-in-one edging system that includes tracing, blocking, edging, grooving and drilling in a single unit.

With the Emotion 2 the perfect fit is possible.



briot perception2

AN ESSENTIAL SOFT VERSION

For those looking for the perfect entry level equipment with drilling capabilities, you simply can't do better than the Perception 2.

With GraviTech® patented optical tracing and an integrated drilling feature, the Perception 2 represents unparalleled technology and value in its class.



briot perception2 groove

THE PERFECT ENTRY LEVEL ALL-IN-ONE

The Perception 2 Groove is a compact edger designed to fit perfectly into your workshop. It frees itself from the mechanical tracer and favours GraviTech® patented technology, the first technology available to detect the true shape of a demonstration lens.

This is an elementary soft version without drilling.



briot scan8

REMOTE OR LAB TRACER

The Briot Scan 8 is the best mechanical tracer money can buy.

Featuring our patented TrueScan tracing technology, the Scan 8 can effortlessly trace even the toughest high base curve wrap frames. The gentle stylus pressure ensures the probe will not distort thin metal frames. An intuitive touch screen interface makes it one of the easiest tracers to use, making Scan 8 an ideal tracer for your lab.



weco E7

Perfect match between the lens and frame

Thanks to 3D rendering, you can preview results with absolute precision for a perfect match between the lens and frame, even on the most complex frames. Enjoy unmatched first-fit rates with the only tracer capable of modelling the entire frame's features. With the latest TrueFit™ software, get optimal lens centering and keep full control of the grinding process while saving precious time.



weco E62

SMART EDGING TO INCREASE EFFICIENCY

The Weco E62 edger combines all the necessary functionalities for state-of-the-art lens finishing. Weco CT7, centering tracer device offer complete job preparation from shape capture, to centering and blocking, with astonishing speed and precision. Weco E62 with TMS (Torque Management System) optimizes the edging cycle time without the risk of lens slippage.



weco E52

MAXIMUM FLEXIBILITY FOR YOUR LAB

The Weco E52 provides you with all the tools you need to achieve the best results in optical craftsmanship. From different bevel types and groove, to angular drilling, the E52 is the premier answer for modern frame fashions and maximum flexibility for your lab.



weco T6

REMOTE OR WORKSHOP TRACER

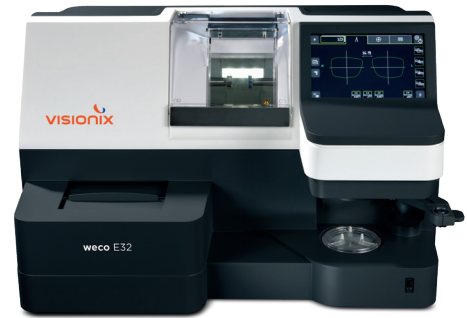
The Weco T6 is the finest mechanical tracer and the top purchasing choice. With our patented TrueScan tracing technology, the Weco T6 can effortlessly trace even the most challenging high-curve frames. The gentle stylus pressure ensures that the probe won't distort the delicate metal frames. The intuitive touchscreen interface makes it one of the most user-friendly tracers, making the Weco T6 an ideal tracer for your workshop.



weco E32

EDGE WITH EASE AND SIMPLICITY

The weco e32 is an all-in-one edging system that has integrated tracing, blocking, edging and drilling, making it ideal for lab environments with limited space and for those looking for a simple edging solution equipped with robust features.



weco E12

BREAKING THE RULES AGAIN

For those looking for the perfect entry level equipment with drilling capabilities, you simply can't do better than the weco e12.



weco E12 groove

EASE YOUR DAILY WORK

The weco e12 groove edger is an elementary edger with all of the basic functions useful for daily work: safety beveling, grooving and polishing.



Edgers selection guidelines

	Mineral lenses	Organic lenses	Flat polishing	V polishing	Grooving	Safety bevel	Drilling	Mini bevel	High base lenses	Partial finishing	Smart Design	Step bevel	Noiseless motor	TMS
briot perception2 groove	•	•	•	•	•	•								
briot perception2	•	•	•	•	•	•	•							
briot emotion2	•	•	•	•	•	•	•							
briot evolution	•	•	•	•	•	•	•	•					•	
briot attitude3 (ALL)	•	•	•		•	•	•	•	•	•			•	
briot attitude3 (PLA)		•	•	•	•	•	•	•	•	•			•	
briot couture (ALL)	•	•	•		•	•	•	•	•	•	•	•	•	
briot couture (PLA)		•	•	•	•	•	•	•	•	•	•	•	•	
weco e12 groove	•	•	•	•	•	•								
weco e12	•	•	•	•	•	•	•							
weco e32 groove	•	•	•	•	•	•								
weco e32	•	•	•	•	•	•	•							
weco e5 s line	•	•	•	•	•	•	•	•					•	
weco e5 ALL	•	•	•		•	•	•	•	•				•	
weco e5 PLA		•	•	•	•	•	•	•	•				•	
weco e52	•	•	•		•	•	•	•	•				•	•
weco e6 s line ALL	•	•	•		•	•	•	•	•	•			•	
weco e6 s line PLA		•	•	•	•	•	•	•	•	•			•	
weco e6 ALL	•	•	•		•	•	•	•	•	•	•	•	•	
weco e6 PLA		•	•	•	•	•	•	•	•	•	•	•	•	
weco e62 ALL	•	•	•		•	•	•	•	•	•			•	•
weco e62 PLA		•	•	•	•	•	•	•	•	•			•	•
weco e7 ALL	•	•	•		•	•	•	•	•	•	•	•	•	•
weco e7 PLA		•	•	•	•	•	•	•	•	•	•	•	•	•



	Grav/Tech	TrueScan	Shape Modif.	Shape Creator	Shape Repair	Parallax Free	Bifocal Centering	Laser Engravings	Auto Blocker	Wavefront technology	3D
briot perception2 weco E12	HD		•	•		•	+	•			
briot emotion2 weco E32	HD	•	•	•		•	+	•			
briot evolution XS2 weco C4 / T6	HD+	HC	+	HD	•	•	+	HD			
briot attitude weco C6 / T6	HD+	HC	+	HD	•	•	+	HD	•	•	
briot couture weco CT7	HD+	HC	+	HD	•	•	+	HD	•	•	•



PROMOTIONAL INTERVIEW

Dr Jean-Pierre Rozenbaum,
 Centre Vision Ouest Sartrouville, FRANCE,
 Presents the multimodal diagnostic device
Visionix® VX 650

Why did you have Visionix® VX 650 installed at your office?

Fundamental changes have occurred in the area of patient flow during consultations with the development of imaging technology, automated measuring, and the deployment of telemedicine. It is my opinion that the VX 650 is the only comprehensive, high-performance device available today that is capable of adapting with these changes while managing significant patient flow in a market where hiring employees has become difficult and more costly. In the blink of an eye, a single piece of equipment performs an anteroposterior eye exam that is more complete than one performed during a typical consultation.

What data is obtained using the VX 650?

At the end of the exam, the VX 650 generates an exhaustive, high-quality report. Using aberrometry, it measures objective refraction, corneal and/or total HOAs / LOAs, making it possible to analyse diurnal and nocturnal variations in refraction. The VX 650 also performs anterior and posterior topography with keratoconus detection. The Scheimpflug imaging provides anterior chamber depth, pachymetry, measurement of the iridocorneal angles, white-to-white distance and kappa angle. It also includes retinography, tonometry and dry eye screening.

Thanks to the quality of the images and the speed with which all of the data is obtained, more information is made available for establishing a diagnosis, without lengthening the consultation time.

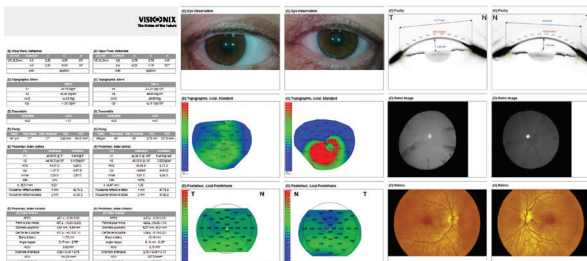


Illustration: exam report obtained from the VX 650



What are your impressions of the user experience?

The VX 650 is completely automated and it is easy for moderately trained staff to use. In my day-to-day work as a cataract and refractive surgery specialist, the VX 650 provides me with precise data for choosing intraocular implants and enables me to select patients who are eligible for refractive surgery. This device also provides the option to view the results at the end of the exam in a summary with clickable sections if more detail is needed. This is extremely helpful because it facilitates discussions with the patient and optimises explanation time, particularly for surgical indications.

What role do you see the VX 650 playing in the dynamics of the offices and centres of tomorrow?

In France, telemedicine has arrived in a context where there have already been new developments in assisted work, which have been spurred on by recent legal provisions allowing orthoptists to perform procedures that previously required the presence of an ophthalmologist. The VX 650, which was designed to save screening time and make delegation easier, can be used to respond to this revolution in patient flow management and healthcare access in the vision field by providing diagnostic reliability, reducing travel requirements for the patient, and improving time management.

The Visionix® VX 650 is a multifunctional diagnostic device that combines a Shack-Hartmann wavefront aberrometer, a corneal topographer, a slit lamp, a tonometer, a Scheimpflug camera to analyse the anterior chamber, a camera for the external appearance of the eye, and a retinograph. Class IIa medical device/certified by IMQ (I) /CE0051. Carefully read the instructions in the user's manual. Training on the VX 650 is required before using the device. Manufacturer: Luneau SAS.




VISIONIX

VX 650

VISIONIX
Model: VX 650
Serial: 123456789
Date: 12/12/2023
CE
RoHS



**PROMOTIONAL
INTERVIEW**

Jérémie LAPIERRE-GANIVET,

**Optician
Romorantin - France
Eye Refract**

I began my career in 1998 with a plastic apprenticeship as a CAP optician. In 2013, I moved to Romorantin (France) and became a sales assembler. In 2017, I advanced to shop manager and then on 1 January 2021, I was put in charge of the shop.

Why did you have Visionix® Eye Refract™ installed at your workshop?

The Eye Refract™ arrived in shops in 2019 and we've been using it ever since. We use it almost daily. We chose this product because of its ease of use and because it takes up very little space in an eye examination room, allowing space for additional devices.

Additionally, an examination can be completed in less than ten minutes with high quality visual controls.

We are 100% satisfied with it and it is highly valued in our shops.

How did your employees feel about Eye Refract™?

The device was well received as we were well trained by the equipment installation staff on how to use the device. They thoroughly explained how it worked.

It also allowed others, such as our former apprentice, to learn about new technologies.

Unlike other devices, one advantage to the Eye Refract™ is that it takes a short amount of time to learn how to use it effectively. Each part works with a tablet.

What role does the Eye Refract™ play in your relationship with customers?

We encourage our clients to visit us after one year and because of the Eye Refract™, we have a high renewal rate.

Since implementing the Eye Refract in our shops, we've increased the renewal rate by about 5-10%.

Approximately 8 corrections show improvement out of every 10 renewed prescriptions.

The Eye Refract™ provides a comfortable correction.

We find only small differences in correction are needed for those who've already had glasses for at least two years.

We've received good feedback from customers, and many are referring their friends and family.

Since 2019, we've received no negative feedback regarding any corrections issues. In other words, customers are 100% satisfied.

We were visited by a client who had her glasses made by a competitor a year ago. We gave her an eye exam and ordered her remove line break she put on her new glasses, she said, "I can see again and I've never seen so clearly".

She happens to be a shopkeeper in the city center and we see her on a regular basis. She is still delighted and shares her patient experience with others. Word of mouth has been the best advertising for us.





VISIONIX



INNOVATION TO UNLOCK YOUR POTENTIAL

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