



# VISIONIX PRODUCTS



**Luneau Technology**

Belgium

VISIONIX **briot** WECO

# Dear customers,

The Luneau Technology Group is one of the world leaders in the ophthalmology market, it develops and distributes high-tech equipment intended for eye care professionals.

Thanks to a recognized know-how and experience in mastering the wavefront, the Group provides access to major innovations for vision professionals.

**Luneau Technology Belgium**, a subsidiary of the eponymous Group, promotes the know-how of visual health professionals, ophthalmologists, orthoptists and opticians by offering innovative solutions which streamline and improve the patient journey (or experience).

The strategic complementarity between these different ranges allows us to always better meet your expectations.

**Alain Renson**

Division Manager

Luneau Technology Belgium

NEW

DISCOVER THE NEW PLATFORM




Real cases // Products videos // Tutorials

Webinars // Testimonies

[academy.luneautech.com](https://academy.luneautech.com)

## Do you want a quote or a demo ?

Go to [www.luneautech.com](https://www.luneautech.com)   
or contact us +32 (0)475 49 04 63



# Contents

## • EQUIPMENTS

<b>Eye Refract // VX25</b>	<b>p.04</b>
<b>VX120+ // VX120+ Dry Eye</b>	<b>p.06</b>
<b>VX130+</b>	<b>p.08</b>
<b>VX110</b>	<b>p.09</b>
<b>Nexy</b>	<b>p.10</b>
<b>VX90</b>	<b>p.11</b>
<b>VX65</b>	<b>p.12</b>
<b>VX50 // Accessories</b>	<b>p.13</b>
<b>VX22</b>	<b>p.14</b>
<b>VX40 // VX36</b>	<b>p.15</b>
<b>VX75 // VX70</b>	<b>p.16</b>
<b>VX1200 / VX1000</b>	<b>p.17</b>
<b>VX2000-2000H</b>	<b>p.18</b>
<b>VX3000</b>	<b>p.19</b>
<b>COMBI 400</b>	<b>p.20</b>
<b>COMBI 7000 - 5500</b>	<b>p.21</b>
<b>Electric tables and chairs</b>	<b>p.23</b>
<b>VXBOX III</b>	<b>p.24</b>

If you are viewing a product page in this catalog in its digital version, click on one of the following pictograms to:



**Discover the product page  
on our site**



**Discover the product  
presentation video**



**Email us**

# REFRACTION



REF. 30230000-00 (VXBOX included)

## AI powered physiological refraction for optometrists and eye doctors.

Luneau Technology presents the Eye Refract™, part of a complete and revolutionary refraction system that offers a rapid, binocular and dynamic measurement using Wavefront Technology. Two aberrometers and two Shack-Hartmann sensors, run simultaneously and perform binocular refraction in real time with exceptional accuracy. These sensors are combined with a phoropter head that allows Eye Refract™ to correct visual defects automatically.



The use of this device is so intuitive that the act of eye examination can easily be delegated ! Eye Refract™ allows eye care professionals to optimise time spent with patients for the refraction step and dedicate time for patients who have a complicated prescription, clinical needs or to discuss commercial options such as contact lenses or night driving spectacles.

A device for Eye Care Professionals and refractive surgeons to take care of the visual health of all patients and maximise the practice efficiency

- Eye Refract binocular dynamic refraction measurement, working with clear vision instead of blurred.
- Small adjustment by means of a few questions in order to find the patient's comfort zone.
- Identification of the patient's aberrometric values
- Perfect Visual Acuity for your patient in less than 3 minutes

## NEW

## VX25

Refraction

### This screen has been designed for optimal results in the exam room pre screen area thanks to its ergonomic design, streamlined style, and the large number of tests included.

This device is used within the Eye Refract system for diagnostic purposes in ophthalmology, visual acuity and binocular vision testing.

- No obligation for a standard projection or with inverted mirrors
- Almost natural conditions, projection to infinity minimises the accommodation..
- High contrast and natural head position.
- The space saving chart has its own environment / independent lighting
- Wide choice of acuity scales
- Standard and regular tests (regular spacing between letters)
- Effective anti-reflection coating, black matt screen



Indications:  
Device used for diagnostic purposes in ophthalmology, visual acuity and binocular vision tests.  
CE class I medical device.  
Intended for healthcare professionals  
Carefully read the instructions in the user manual.  
Manufacturer: Luneau SAS

Medical device awaiting CE marking.



## TECHNICAL SPECIFICATIONS

### EYE REFRACT™



<b>Height</b>	490 mm (19,3 in)
<b>Width</b>	290 mm (11,4 in)
<b>Depth</b>	470 mm (18,5 in)
<b>Weight</b>	25 kg (55 lbs)
<b>Power</b>	100/120, 220/240 V AC, 50/60 Hz
<b>Voltage</b>	230 V 50/60 Hz

<b>Output</b>	<ul style="list-style-type: none"> <li>• RS232 / USB2.0 / VGA / LAN</li> <li>• Embedded bluetooth / Wifi</li> </ul>
<b>Hardware</b>	Tablet.....Android Chinrest.....Electrical Near Vision Target.....250-700 mm Mini tablet 7" Head.....Autofocus, autocentering
<b>Range</b>	Sph.....-30,00D to +27,25D Sph step.....0,125 / 0,25 / 0,50 / 1 D Cyl.....-6,00 to +6,00 D Cyl step.....0,25 / 0,50 / 1 D Optical axis.....0 to 180° Axis step.....1° / 5° / 10° / 45° Prisms.....0 to 20 D

**Communication**  

## CONFIGURATIONS

1



**EYE REFRACT™** **VX 22** Chart Display **VX 40** Lensmeter

REF.

- Eye Refract™ 30230000-00
- VX22 LP 8241-0022-40
- VX40 3014-0000-00
- Table VX40-ER 8160-0025-00

**Dimensions**

2 **VX22 chart display**  
H 380 mm (14,96 in.) x W 585 mm (23,03 in.)  
x D 46 mm (1,81 in.) - Weight 3,8 Kg (8, 38Lbs)

3 **VX40 Wavefront analyser**  
H 455 mm (17,90 in.) x W 220 mm (8,66 in.) x D 240 mm (9,44 in.)  
Weight 9 kg (20 lbs)

4 **Eye Refract table**  
Adjustable height side from 675 to 925 mm (26.57 to 36.42 inc. )  
x W 1090 (42,91 in.) x D 460 mm (18,11 in.)  
Weight 38,5 Kgs (83.78 lbs)



2



**VX 25** Refraction **EYE REFRACT™** **VX 40** Lensmeter

REF.

- Eye Refract™ 30230000-00
- VX25 8225-0000-00
- VX40 3014-0000-00
- Console VX40 8160-8025-00
- Table VX25-ER 8160-0025-00

**Dimensions**

2 **VX25 space saving chart**  
H 660 mm (25,98 in.) x W 320 mm (12,60 in.) x D 325 mm (12,79 in.)  
Weight 25 Kg (55.12 Lbs)

3 **VX40 Wavefront analyser**  
H 455 mm (17,90 in.) x W 220 mm (8,66 in.) x D 240 mm (9,44 in.)  
Weight 9 kg (20 lbs)

4 **Eye Refract Table**  
Adjustable height side from 675 to 925 mm (26.57 to 36.42 inc. ) x W 1090  
(42,91 in.) x D 460 mm (18,11 in.)  
Weight 38,5 Kgs (83.78 lbs)

5 **VX40 console**  
H828 mm (32,60 in.) x W 320 mm (12,60 in.) x D 359 mm (14,13 in.)



#### Indications:

EYE REFRACT is an automatic refractor that can be used by healthcare professionals to determine the refractive correction needed for patients. The device makes an initial estimate using the patient's refraction wavefront and allows the practitioner to finalize the prescription using a traditional subjective test.

Class I medical device / CE declaration of conformity.  
Carefully read the instructions in the user manual.  
Eye Refract training is required before using the device.  
Manufacturer: Luneau SAS

# DIAGNOSTIC

## VX120+

Diagnostic REF. 30200000-12

### Diagnostic device for the anterior chamber, screening and analysis of the vision

VX 120+ give you the opportunity to alert your patients of pathologies like glaucoma, cataracts, keratoconus, as well as correcting vision defects including those affecting night vision, and in so doing complete the panel of services that you offer as an optician / optometrist.

#### Fully automated

Fully automatic 3D and R/L eye alignments

- 7 types of automatic simultaneous measurements
- Operator independent measurements
- High reproducibility of measurements

#### Automatic alignment and measurement which allows

- High reliability for measurements
- Significant time savings
- Optimal comfort based on ergonomic design

#### Complete refraction

- 1300 points points analyzed for a 7-mm diameter pupil
- Measures lower-order and higher-order aberrations

#### Corneal topography

- Contact lenses fitting
- As part of examinations of refraction and detection of high-order aberrations, possible suspicion of pathologies
- Scheimpflug imaging

#### Cataract

- Visualization of crystalline opacities
- Analysis of wavefront aberrations, separate corneal and lenticular/internal aberrations
- Retroillumination

#### Glaucoma

- Measurement of IOP (intraocular pressure) and corneal thickness
- Corrected IOP as a function of corneal thickness



#### GENERAL

<b>Alignment</b>	• XYZ automatic
<b>Display</b>	• 10.1" (1 024 x 600) TFT screen Multi-touch screen
<b>Observation area</b>	• ø 14 mm
<b>Medical device directive</b>	• EC MDD 93/42/EC modified by directive 2007/47/EC
<b>Output</b>	• RS232 / USB / VGA / LAN

#### POWER MAPPING AND REFRACTION

<b>Spherical power range</b>	• -20D to +20D
<b>Cylinder power range</b>	• 0D to + 8D
<b>Axis</b>	• 0 to 180°
<b>Measuring area</b>	• Min. ø 2 mm - Max. 7 mm (3 zones)
<b>Number of measuring points</b>	• 1,400 points
<b>Acquisition time</b>	• 0.2 sec
<b>Method</b>	• Shack-Hartmann

#### PACHYMETRY, IC (IRIDOCORNEAL) ANGLE AND PUPILLOMETRY

<b>Method</b>	• Static horizontal scan with the Scheimpflug camera
<b>Pachymetry measuring range</b>	• 150-1300 µm
<b>Pachymeter resolution</b>	• +/- 10 µm
<b>IC angle measuring range</b>	• 0°-60°
<b>IC resolution</b>	• 0.1°
<b>Pupil illumination</b>	• Blue light 455 nm

#### RETROILLUMINATION

#### CORNEAL TOPOGRAPHY BY SPECULAR REFLECTION

<b>Number of rings</b>	• 24
<b>Number of measuring points</b>	• 6,144
<b>Number of points analyzed</b>	• More than 100,000
<b>Diameter of covered corneal area at 43D</b>	• From 0.75 mm to more than 10 mm
<b>Measurement range</b>	• From 37.5 D to 56 D
<b>Repeatability</b>	• 0.03 mm
<b>Method</b>	• Placido rings

#### TONOMETER

<b>Measurement range</b>	• 7 mmHg to 44 mmHg
--------------------------	---------------------

#### Indications:

The VX120 + product is a multi-function diagnostic device combining a wavefront aberrometer, corneal topograph, backlight device, tonometer and pachymeter. It is indicated for:

Eye refraction measurement indicating low order and high order aberrations

Measuring the shape of the cornea

Backlight image of the eye

Measurement of intraocular pressure without contact with the eye for the detection of glaucoma

Photograph of the eye and take images of the eye to assess the thickness of the central cornea

Class IIa medical device / certified by IMQ (I) / CE0051.

Carefully read the instructions in the user manual.

VX120 + training is required before using the device.

Manufacturer: Luneau SAS



**DRY  
EYE**

REF. 302-00000-05



## NEW SCREEN AND MONITOR DRY EYE SYNDROME (DES)

**WITH THE VX120+ DETERMINE THE SPECIFIC DRY EYE SYNDROME USING 3 TYPES OF MEASUREMENTS:**



### Non-invasive analysis of the tear film and evaluation of tear film Break-up time

A test that processes the movement of the Placido rings on the eye and gives the speed of tear film breakup between two blinks.



### Displaying a colour image of Meibomian glands

The colour camera allows you to make a photo gallery of the parts of the eye and lids, allowing focus on the meibomian glands area.



### Measurement of tear meniscus height

Using the manual zoom of the colour camera, you can measure the height of the tear meniscus to complete the test.



**REFRACTION**

**PATHOLOGIES**

	VISIONIX SCREENING RANGE							
	VX100	VX110	VX118	VX220	VX120+	VX120+	VX130+	VX650
<b>AR-K based WF</b>								
AR-K	✓	✓	✓	✗	✓	✓	✓	✓
Ocular Aberro.	✗	✓	✓	✗	✓	✓	✓	✓
Retro	✓	✓	✓	✓	✓	✓	✓	✓
Corneal Topograph	✓	✓	✓	✓	✓	✓	✓	✓
Non Contact Tonometer	✗	✗	✗	✓	✓	✓	✓	✓
<b>Scheimpflug Camera</b>								
Pachymetry	✗	✗	✓	✓	✓	✓	✓	✓
Full Eye Tracking	✓	✓	✓	✓	✓	✓	✓	✓
Back surface of the cornea	✗	✗	✗	✗	✗	✗	✓	✓
Remote Access	✓	✓	✓	✓	✓	✓	✓	✓
Offline/Webservice	✓	✓	✓	✓	✓	✓	✓	✓
Colour camera	✗	✗	✗	✗	✗	✓	✗	✓
<b>Dry eye</b>								
NBUT	✗	✗	✗	✗	✗	✓	✗	✓
Eifron classification	✗	✗	✗	✗	✗	✓	✗	✓
Tear meniscus value	✗	✗	✗	✗	✗	✓	✗	✓
<b>Fundus Camera</b>								
	✗	✗	✗	✗	✗	✗	✗	✓



REF. 30200000-03

## Full exam of the anterior segment of the eye

Glaucoma and keratoconus detection, identification of patients for cataract surgery with premium and/or toric implants, identification of patients for refractive surgery.

The VX130+ combines state-of-the-art technologies and provides essential data for optimal patient eye care. The VX130+ is the ideal patient monitoring system.

- Glaucoma detection and monitoring
- Keratoconus identification and monitoring
- Identification of patients for cataract surgery
- Complete refraction differentiate between day and night vision needs
- Analysis of wavefront aberrations
- Anterior / posterior elevation map of the cornea
- Post-operative control



### PACHYMETRY, IC (IRIDOCORNEAL) ANGLE AND PUPILLOMETRY

<b>Method</b>	• Continuous horizontal scan with the Scheimpflug camera
<b>Pachymeter measuring range</b>	• 150-1300 $\mu$ m
<b>Pachymetry resolution</b>	• +/- 10 $\mu$ m
<b>IC angle measuring range</b>	• 0°-60°
<b>IC resolution</b>	• 0.1°
<b>Pupil illumination</b>	• Blue light 455 nm

### RETROILLUMINATION

### CORNEAL TOPOGRAPHY BY SPECULAR REFLECTION

<b>Number of rings</b>	• 24
<b>Number of measuring points</b>	• 6,144
<b>Number of points analyzed</b>	• More than 100,000
<b>Diameter of covered corneal area at 43D</b>	• From 0.75 mm to more than 10 mm
<b>Measurement range</b>	• From 37.5 D to 56 D
<b>Repeatability</b>	• 0.03 mm
<b>Method</b>	• Placido rings

### TONOMETER

<b>Measurement range</b>	• 7 mmHg to 44 mmHg
--------------------------	---------------------

### GENERAL

<b>Alignment</b>	• XYZ automatic
<b>Display</b>	• 10.1" (1 024 x 600) TFT screen Multi-touch screen
<b>Observation area</b>	• $\varnothing$ 14 mm
<b>Medical device directive</b>	• EC MDD 93/42/EC modified by directive 2007/47/EC
<b>Output</b>	• RS232 / USB / VGA / LAN

### POWER MAPPING AND REFRACTION

<b>Spherical power range</b>	• -20D to +20D
<b>Cylinder power range</b>	• 0D to + 8D
<b>Axis</b>	• 0 to 180°
<b>Measuring area</b>	• Min. $\varnothing$ 2 mm - Max. 7 mm (3 zones)
<b>Number of measuring points</b>	• 1,300 points
<b>Acquisition time</b>	• 0.2 sec
<b>Method</b>	• Shack-Hartmann

#### Indications:

The VX130 product is a multi-function diagnostic device combining a wavefront aberrometer, corneal topograph, backlight device, tonometer and pachymeter. It is indicated for the following:

Eye refraction measurement indicating low order and high order aberrations

Measuring the shape of the cornea

Backlight image of the eye

Measurement of intraocular pressure without contact with the eye for the detection of glaucoma

Photograph of the eye and take images of the eye to assess the thickness of the central cornea

Complete map of corneal thickness

Image Scheimpflug

Image of the anterior chamber

Pupil image

Image of the cornea relative to the iris

Class IIa medical device / certified by IMQ (I) / CE0051.

Carefully read the instructions in the user manual.

VX130 training is required before using the device.

Manufacturer: Luneau SAS



## Maximise patient experience improve your specialist contact lens capacities

- Objective day and night refraction measurements
- 1300 points analyzed for a 7-mm diameter pupil
- Objective refraction under mesopic and photopic conditions
- Measures lower-order and higher-order aberrations
- Access visual acuity and quality of vision on a pupil as small as 1.2 mm
- MTF\*curve (\* Modulation Transfer function)

## Rigid contact and ortho K contact lens fitting

- Keratometry readings
- Show the corneal astigmatism
- The AVG K (value used by contact lens manufacturer)
- Axial, tangential elevation and refraction maps
- Aberrometry analysis to see the level of the spherical aberration, important feature to adapt multifocal contact lens.



**YOUR BENEFIT:**  
INTRODUCE DAY AND NIGHT  
VISION NEEDS

**YOUR BENEFIT:**  
EMPOWER YOUR SPECIALIST  
CONTACT LENS CAPACITIES

## Keratoconus / Identification and monitoring

- Axial, tangential elevation and refraction maps
- Keratoconus probability index (KPI)
- Keratoconus monitoring
- Internal astigmatism measurement
- Eccentricity and meridian tables
- Corneal aberrometry

## Cataract / Identification and monitoring

- Visualization of crystalline opacities
- Analysis of wavefront aberrations, with the ability to separate corneal and lenticular/internal aberrations
- Internal astigmatism measurement
- Kappa angle for IOL centering
- Z.4.0 value for aspheric implant
- Lens opacity classification (LOCS II and III scales)

### GENERAL

Alignment	• XYZ automatic
Display	• 10.1" (1 024 x 600) TFT screen Multi-touch screen
Observation area	• Ø 14 mm
Medical device directive	• EC MDD 93/42/EC modified by directive 2007/47/EC
Output	• RS232 / USB / VGA / LAN

### POWER MAPPING AND REFRACTION

Spherical power range	• -20D to +20D
Cylinder power range	• 0D to + 8D
Axis	• 0 to 180°
Measuring area	• Min. Ø 2 mm - Max. 7 mm (3 zones)
Number of measuring points	• 1,300 points
Acquisition time	• 0.2 sec
Method	• Shack-Hartmann

### RETROILLUMINATION

#### CORNEAL TOPOGRAPHY BY SPECULAR REFLECTION

Number of rings	• 24
Number of points analyzed	• More than 100,000
Diameter of covered corneal area at 43D	• From 0.75 mm to more than 10 mm
Measurement range	• From 37.5 D to 56 D
Repeatability	• 0.02 D
Method	• Placido rings

The VX110 is an auto-refractometer allowing automatic measurement of refraction and keratometry. This device is also equipped with a jamming system that allows better relaxation of accommodation in order to obtain objective refraction in the best conditions. Class Im medical device. The information contained in this document is intended for healthcare professionals. Carefully read the instructions on the user manual before use. VX90 training is required before using the device. Agent: Luneau SAS - Distributed by Luneau SAS - Le 21/12/2017

# FUNDUS CAMERA

n e x y<sup>®</sup>

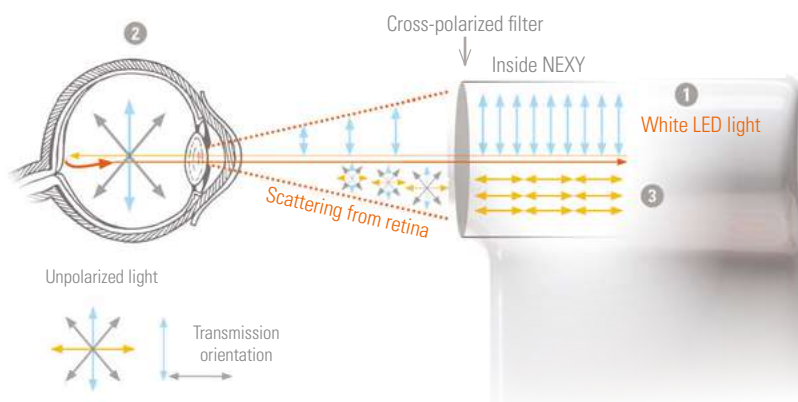
REF. 8510-0008-00

## Capture crystal clear retinal images in a fully automatic way

Nexy ensures the detection of retinal pathologies such as AMD, diabetic retinopathy and glaucoma.

### Value-added features

- Robotic movements: auto-alignment, autofocus and auto-capture. Just press Start and Nexy does the rest
- Automatic capture of high-quality images for detailed screening and evaluation with minimal personal training
- Pleasant aesthetic: small footprint and ergonomic design
- Modern gesture interaction: the intuitive interface facilitates a quick start and smooth navigation
- Review images from a local PC (in .DCM format as well as jpg/png format) or from an intranet PC
- Review images from the Next Sight website using a personal and secure account
- Teamviewer application for remote assistance



### HARDWARE SPECIFICATION

Field of view	45°
Field of view with mosaic function	90°
Retinal resolution	14 microns
Fixations	7 fixations set-ups
Tablet dimensions	10.4"
Weight	32,4 lbs
Size	13,4 x 16,9 x 18,1 in.

### SOFTWARE SPECIFICATION

Image filters (vascular, choroidal, nerve fibre, red free)

Cup-to-disc ratio for glaucoma screening

Automatic mosaic function

Shared intranet folder

DICOM standard compatible

Fundus adapter to transfer images to a local pc

### DATA MANAGEMENT

Full AI integration (option)

Cloud-based secure storage

Client-side data encryption

Automatic database backup

Review images from the password protected website, a network shared folder or a local PC

Multilevel account

Access by personal user

The Nexy is a non-mydratic retinograph allowing the observation, shooting and recording of very high definition images without dilating the fundus through the pupil. Class I medical device / CE declaration of conformity  
The information contained in this document is intended for healthcare professionals. Carefully read the information in the instructions for use before use. Nexy training is required before use. Exam covered by health insurance under certain conditions. Manufactured by: Next Sight - Distributed by: LUNEAU S.A.S

# REFRACTION



REF. 8290-0001-00

## ARK with auto fog system

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

REF.	8290-0001-00
<b>GENERAL</b>	
Target Fixation	Auto fog system
Measurement data display	7" TFT colour LCD with touch screen (800x480)
PD Measurement	85 mm measuring range max, 1 mm display unit
Measurement data recording	Built in thermal printer
External output terminal	RS232/WIFI
Power source, power consumption	110V-240V AC, 50/60 Hz, 50 VA
Standards	Compliance with Medical Device Directive 93/42/EC

### MEASUREMENT SPECIFICATION

Power Range	-20 D to +20 D
Power Accuracy	+/- 0.25 D
Astigmatism range	0 to 10D
Astigmatism accuracy	0.25 D
Axis range	0° to 180°
Axis step	1°
Axis accuracy	+/- 5°
Pupil diameter measured	2,5 mm minimum

### KERATOMETRY SPECIFICATIONS

Corneal radius range	5 mm to 10 mm
Corneal refractory power	33D to 67D (n=1.3375)
Power repeatability	0.03 mm
Corneal astigmatic power	0 to 12 D
Astigmatism accuracy	0.02D
Axis range	0° to 180°
Axis step	1°
Axis accuracy	+/- 5°
Measurement diameter	2 mm to 12 mm
Peripheral keratometry	Nasal, temporal, up, down



The VX90 is an auto-refractometer allowing automatic measurement of refraction and keratometry. This device is also equipped with a jamming system that allows better relaxation of accommodation in order to obtain objective refraction in the best conditions. Class Im medical device.

The information contained in this document is intended for healthcare professionals. Carefully read the instructions on the user manual before use. VX90 training is required before using the device. Agent: Luneau SAS - Distributed by Luneau SAS - Le 21/12/2017

# PHOROPTER



REF. 8265-0000-00

## An essential phoropter you can rely on.

### Connectivity and transmission

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

### Versatile 3-in-1 device:

#### A phoropter that adapts to the way you work.

- Ideal for multi-skilled practices: 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

### Precise engineering

- Rugged materials and components for excellent longevity
- Precisely tooled parts for smooth and silent operation
- Speedy lens transitions and startup initialization



### Chart Control VX25 or VX22 family

- Complete control, right from the tablet
- Charts and Optotypes are displayed on the tablet:  
see what the patient is reading without adjusting your body position

<b>Height</b>	280 mm (11.02 in.)
<b>Width</b>	350 mm (13.78 in.)
<b>Depth</b>	80 mm (3.15 in.)
<b>Weight</b>	3.8 Kg (8.38 lbs)
<b>Voltage</b>	DC 24 V 60w
<b>Standards</b>	Compliance with Regulation EU 2017/745 on medical devices - Class I" IEC 60601-1 IEC 60601-1-2 ISO 15004-1



<b>Cross cylinder lens</b>	<b>AUXILIARY LENS</b> +/-0.25 / +/-0.5 / dual cross cylinder with split prism (Auto interface) +/-0.25 / +/-0.5 (Manual interface)
<b>Occluder</b>	Available
<b>Pinhole plate</b>	ø 2 mm
<b>Red&gt;green filter</b>	Right eye: red, Left eye: green
<b>Polarising filters</b>	Linear (45°/135°) / Circular
<b>Fixed cross cylinder lens</b>	± 0.50 D
<b>Spherical lenses for retinoscope</b>	+1.5 D / +2.0 D
<b>Red maddox rod</b>	Right eye: horizontal, Left eye: vertical
<b>Dissociation prism</b>	Right eye: 6 ΔBU / Left eye: 10ΔBI
<b>Refraction distance for near vision</b>	150 mm - 700 mm
<b>Forehead rest adjustment range</b>	12 mm
<b>Sphere</b>	<b>MEASURABLE RANGE</b> - 29.00 to +26.75 D min step 0.25 - 19.00 to +16.75 D (Cross cylinder test, prism test)
<b>Cylinder</b>	0 to -8.75 d min step 0.25
<b>Axis</b>	0 to 180° min step 1°
<b>PD</b>	50 to 80 mm min step 0.5
<b>Prism</b>	0 to 20 Δ min step 0,5 Δ

The VX65 is an automatic refractor controlled by a tablet and / or an ergonomic keyboard with touch pad for assessing the subjective refraction of the eye and performing a binocular vision test. Class I medical device / CE declaration of conformity. The information contained in this document is intended for healthcare professionals. Carefully read the information in the instructions for use before use. VX65 training is required before using the device. Exam covered by health insurance under certain conditions. Manufactured by: Luneau SAS - Distributed by: Luneau SAS. 06/30/2015.



# PHOROPTER



Phoropter



REF 8250-0001-00



## Manual phoropter

For a classic refraction, use the manual phoropter VX50 with its compact and ergonomic design.



### GENERAL

**Lens/eye Distance**  
**Head-rest adjustment**  
**Convergence**

- 13,75 mm
- 16 mm
- 380 mm (when PD = 64mm)

### MEASUREMENT RANGE

**Sphere**

- +16.75 to -19.00D ( Step 0,25D) +26.75D to - 29.00D with additional lenses of +10.00 or -10.00D

**Cylinder**

**Axis**

**Cross cylinder**

**Rotary prisms**

**PD adjustment**

**Accessories**

- 0 to 180°
- + 0,25 D
- 0 to 20, Step 1 D
- 48 to 75 mm, Step 1mm
- Near point card, holder and reading rod

The VX50 is a manual refractor for evaluating the subjective refraction of the eye and performing a binocular vision test.

Class I medical device / CE declaration of conformity. The information contained in this document is intended for healthcare professionals. Carefully read the information in the instructions for use before use. VX50 training is required before using the device.

Exam covered by health insurance under certain conditions. Manufactured by: Luneau SAS - Distributed by: Luneau SAS - Le 30/06/2015

## ACCESSORIES



Buy a selection of accessories and consumables directly online on our website:

[www.lensita.com](http://www.lensita.com)



To find out more about our entire range, contact the Sales Department at

**+32 (0)3 605 65 62**

ERC MEDICAL



OCULUS GLASSES



FLY TESTS



PRISM BARS



L900 TONOJET



# CHART DISPLAY



VX22NP Non polarized REF. 8240-0022-00  
 VX22LP Linear polarized REF. 8241-0022-40  
 VX22CP Circular polarized REF. 8241-0022-31



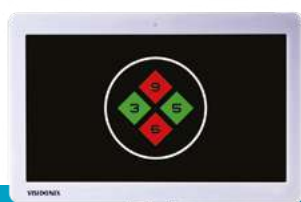
## Circular, linear and non polarized chart displays

The new LCD display, with its 23.6" size is available in 3 versions non polarised, linear polarised and circular polarised thus adaptable to any request and use of each 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.



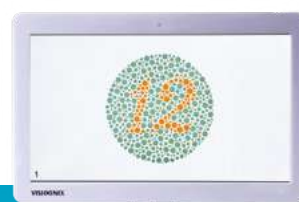
### VX22-CP top-of-the-range circular polarized screen

Thanks to its circular polarised screen, the tests useful for binocular and stereoscopic vision can perfectly block out one eye in order to test the other regardless of the patient's position.



### VX22-LP linear polarized screen

This device features a linear polarisation to test binocular and stereoscopic vision allowing a perfect dissociation of the right eye/left eye. This offers the ability to proceed with many other tests with optimal quality for the exam of bi-ocular, binocular, and stereoscopic vision.



### VX22-NP entry-range non polarized screen

This product offers a wide range of tests: charts and colour vision test. With full features and highly ergonomic, this unit is as simple to use as a chart

### Stands and Mounts



### Main features

- Screen size 23,6"
- Amsler grid for AMD detection
- Paskal 3D option
- ETDRS chart with automatic scoring
- Random chart to avoid memorisation
- Anti aliasing to avoid pixel effect
- Radio remote control or Acuitab app
- Webservice control via tablet with IOS android feedback

• Screen size	23,6 inch
• Resolution	1920x1080
• Luminance	250 Cd/m <sup>2</sup>
• Reading distance	2 to 8 meters (78 to 315 inch)
• Visual acuity	0,1 to 2,0
• Power supply	100-240V CA- 50/60 Hz – 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

### Accessories

- Batteries for remote control dongle
- USB stick
- Radio remote control
- Power supply cable and transformer
- Matching tests for child tests
- Red / green frame
- Circular polarized frame

### Option available

Paskal 3D option dongle  
 REF 8241-1022-40

The VX22NP is a non-polarized test display for visual acuity analysis. He is able to perform the main visual tests. Medical device bearing a class 1 CE marking -

Intended use: device used for diagnostic purposes in ophthalmology, visual acuity and binocular vision tests. The information contained in this document is intended for healthcare professionals. Carefully read the information in the instructions for use before use. VX22 NP training is required before using the device. Manufactured by: Luneau SAS Distributed by: Luneau SAS.

# LENSMETER



Lensmeter

REF. 3014-0000-00

## Automatic Lensmeter

### Fully Automated

The VX40 is fully automated. After the operator places the frame and initializes the start procedure, lens analysis and measurement is completely automatic. Even left / right eye movement requires no user input.

### Easy to use

The unique lens holder system allows for fast insertion of the frame with only one hand! After pushing the start button the whole process works on it's own. The VX40 allows you to spend more time with your patients and less time with analysis.

### Automatic Lens Analysis

The VX40 detects all types of lenses including bifocals, progressives, freeform, and single vision lenses. It is compatible with virtually every lens technology and brand.



### Complete Visual Analysis

The VX40 analyzes progressive and freeform lenses and then conveys the measurements to the operator in the form of a visual topographic map of the power ranges across the lens. These lens types no longer have to be a mystery to you.

### Side By Side Progressive Lens Analysis

The lens is studied completely which allows for the operator to pick any point on the lens to verify the power and accuracy of the manufacturing. Compare and analyze even freeform progressive lenses and show your patients the differences between different progressive lens designs.

The VX40 is a focal point meter for measuring the power of the frontal image of a spectacle lens by simultaneous analysis of 1350 points. Class I medical device / CE declaration of conformity. The information contained in this document is intended for healthcare professionals. Carefully read the instructions on the user manual before use. VX40 training is required before using the device. Manufactured by: Luneau SAS - Distributed by: Luneau SAS.



Lensmeter



REF. 8236-0001-00

This new generation of lensmeter allows the measure of 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.

	VX40 - FULL AUTOMATIC	VX36 - AUTOMATIC
<b>MEASURABLE RANGE</b>		
Sphere power	-15 ~ +10D (step 0.01, 0.06, 0.125, 0.25D)	0 - ±25 D (step 0.01, 0.06, 0.12, 0.25)
Cylinder power	0~10D (step 0.01, 0.06, 0.125, 0.25D)	0 - ±10 (step 0.01, 0.06, 0.12, 0.25)
Axis	0~180° (step 1°)	0 - 180° (step 1°)
Addition	0~± 3.5D (step 0.01, 0.06, 0.125, 0.25D)	
Prism	0~± 10 Δ (step 0.01 Δ)	0 - 20 (step 0.01)
<b>MEASUREMENT (WF) RANGE</b>		
Lenses/Frames	Yes	Yes
Shades	Yes	Yes
Contact lenses	No	Yes
UV / Blue transmission measurement	UV-A	UV-A / UV-B
Mesure des écarts pupillaires	Mono / Bino	42 mm to 82 mm
Display touch screen	LCD/16M colours, 7"	LCD colours/800 x 480
Printers	Interne	57 mm Thermal printer
Connections	RS-232, Bluetooth	RS-232, Wi-Fi
Dimensions and weight	220 (W) x 455 (H) x 240 (D) - 9,1 kg	471 (H) x 233 (W) x 203 (D) mm - 4,5 kg
Power supply	115/230 V - 50/60 Hz	100-240 V AC, 60/50 Hz, 35 W

# SLIT LAMPS

## VX75 Slit Lamp



Our wide range of column slit lamps provide you with flawless operational safety thanks to reliable optics and lighting technology.

### Several models available:

Converging 6° - 3 magnifications

REF. 8475-0001-03

Converging 6° - 5 magnifications

REF. 8475-0001-05

Parallel 6° - 3 magnifications

REF. 8475-0002-03

Parallel 6° - 5 magnifications

REF. 8475-0002-05

VX70		VX75
MAGNIFICATIONS		
Type	Galilean	
Ocular	12,5x	
Magnifications	<b>2x</b> : 10x (27 mm) 16x (16 mm) <b>3x</b> : 10x (27 mm) 16x (16 mm) 25x (11 mm) <b>5x</b> : 6x (43 mm) 10x (27 mm) 16x (16 mm) 24x (11 mm) 40x (7 mm)	- - <b>3x</b> : 8x (30 mm) 14x (16 mm) 24x (9 mm) <b>5x</b> : 5x (45 mm) 8x (30 mm) 14x (16 mm) 24x (9 mm) 36x (5,8 mm)
LIGHT		
	LED - 300 000 Lux	LED - 350 000 Lux
SLIT ADJUSTMENT		
Slit height	0 - 14 mm Continually	
Slit length	0 - 14 mm Continually	
Slit apertures	14; 10; 6; 4; 3; 1; 0,2mm	
Angle	0-180°	0-360°
Tilt	5° - 10° - 15° - 20°	11°

The VX75 is a slit lamp intended for the examination of the eye. It is a binocular microscope with several magnifications coupled with an illumination system allowing the observation of the eye and its different parts. Class I medical device / CE declaration of conformity. The information contained in this document is intended for healthcare professionals. Carefully read the information in the instructions for use before use. VX75 training is required before using the device. Exam covered by health insurance under certain conditions. Manufactured by: Luneau SAS - Distributed by: Luneau SAS. 06/30/2015.

## VX70 Slit Lamp



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 a very good clarity. The LED light source is more economical, much better for the environment with a longer life time (100 x more than the halogen one) and provides a better uniform illumination.

### Several models available :

Converging 6° - 5 magnifications

REF. 8470-0001-05

Converging 6° - 3 magnifications

REF. 8470-0001-03

Converging 6° - 2 magnifications

REF. 8470-0001-02

VX70		VX75
FILTERS		
	Blue (fluorescence), Green (red-free), Grey (anti heat)	
BASE MOVEMENTS		
Longitudinal (In/Out)	99mm	113mm
Lateral (Left/Right)	118mm	107mm
Lateral (Left/Right)	30mm	30mm
Chin-rest height	76mm	76 ± 1 mm
Dimensions and weight	780 (H) x 380 (W) x 530 (D) - 26 kg (2x) / 28 kg (3x/5x)	433 (H) x 296 (W) x 313 (D) 7,4 kg (lamp), 8,1 kg (digital)
Power Supply	110V / 220V AC; 60/50Hz fixation point 5v, slit lamp 3,4V, 700mA	100V/120V/230V/240V AC; 60/50Hz Fixation point 12V, slit lamp ~12V AC

The VX70 is a slit lamp intended for the examination of the eye. It is a binocular microscope with several magnifications coupled with an illumination system allowing the observation of the eye and its different parts. Class I medical device / CE declaration of conformity. The information contained in this document is intended for healthcare professionals. Carefully read the information in the instructions for use before use. VX70 training is required before using the device. Exam covered by health insurance under certain conditions. Manufactured by: Luneau SAS - Distributed by: Luneau SAS - Le 30/06/2015

## ▶ EYEPIX 3 REF. 8400-8023-00



The system consists of a digital video camera and software for processing data. EyePix allows you to document and visualize your process and / or results to dynamically display.

The screen allows you to follow in real time your exam and so reassure your patient.



The EyePix 3 is a digital slit lamp camera. Class I medical device / CE declaration of conformity. The information contained in this document is intended for healthcare professionals. Carefully read the information in the instructions for use before use. EyePix 3 training is required before using the device. Exam covered by health insurance under certain conditions. Manufactured by: Luneau SAS - Distributed by: Luneau SAS. 06/30/2015.



# REFRACTION UNITS

## VX 1200

Chairs and Stands



Right-handed version 8115-1200-01  
Left-handed version 8115-1200-02



Compact and complete refraction unit, the VX1200 allows the eye care professionals to realize a refraction in a minimum of time and makes the set of necessary instruments available for their practice thanks to its sliding table.

## VX 1000

Chairs and Stands



Right-handed version REF 8115-1000-01  
Left-handed version REF 8115-1000-02



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.

	VX1200	VX1000
Removable arm rest	✓	✓
Foot rest	✓	✓
Reclinable back rest	-	-
Chair rotation	✓	✓
Electrical phoropter arm	✓	✓
Trial lenses drawer	✓	✓
Ambient light	✓	✓
Remote control	✓	✓
Sliding table top	✓	-
Seat Height	520 to 680 mm	
Table top height	860 mm	840 mm

The VX1200 is a 2-instrument refraction unit designed to support instruments for optical refraction. Class I medical device / Certified by CE declaration. The information contained in this document is intended for healthcare professionals. Read the instructions in the user manual carefully before using this equipment. VX1000 training is required before use. Exam covered by health insurance under certain conditions. Manufactured by Ming Sing; - Distributed by: Luneau SAS - Le 30/06/2015

Main power supply	230 Vac 50 Hz (230 Vac 60 Hz – 110 Vac 60 Hz)
Table top power supply	230 Vac x2 , pre wiring for VX70 slit lamp
Dimension (working position)	1000 x 1188 mm (VX1200)
	1000 x 1186 mm (VX1000)
Dimension (Rest position)	1000 x 1706 mm
Weight	250 kg

The VX1000 is a 2-instrument refraction unit designed to support instruments for optical refraction. Class I medical device / Certified by CE declaration. The information contained in this document is intended for healthcare professionals. Read the instructions in the user manual carefully before using this equipment. VX1000 training is required before use. Exam covered by health insurance under certain conditions. Manufactured by Ming Sing; - Distributed by: Luneau SAS - Le 30/06/2015

# REFRACTION UNITS

## VX2000 & VX2000H Chairs and Stands

VX2000 with 2 instruments table (right) REF. 8115-2000-01

VX2000 with 2 instruments table (left) REF. 8115-2000-02

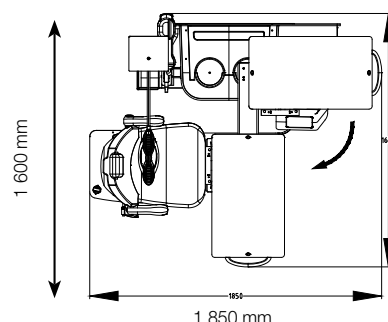
VX2000 H with electric elevation table (right) REF. 8115-2000-11

VX2000 H with electric elevation table (left) REF. 8115-2000-12



**Sliding table for 2 instruments. Right-handed and left-handed versions with electro mechanic locking system for table in any position.**

- Electro mechanic locking system for table in any position
- Console with touch-screen control panel + hand instruments support
- On the console 2 supports for skiascope and ophthalmoscope (With optional integrated refill)
- Drawer (ideal location for glasses and glasses rack)
- Integrated connectors (USB, etc ...)
- Column with adjustable led lamp and projector support plate
- Electric elevation chair and back rest inclination  
Accoudoirs et repose-pieds amovibles
- Removable arm rest and foot



	VX2000	VX2000H
<b>SEAT ROTATION</b>		
180° seat rotation for wheelchair access	-	✓
<b>SLIDING TABLE</b>		
Table up/down	-	electric
Height of the Table	870 mm	735 - 895 mm
Height of the seat (mm)	530 - 720 mm	
Maximum weight for the table	External position 15 Kg (33 lbs) Internal position 25 Kg (55 lbs)	
Maximum weight for the chair	135 kg	

Power supply	230Vac 50 Hz (230Vac 60Hz – 110Vac Instrument 1 = 12 V / Instrument 2 = 220 V
Dimensions and weight	1600 x 1850 - 220 kg
Option	Seat backward - forward

The VX2000 / 2000H is a consultation unit intended to support instruments for the ophthalmology consultation.

Class I medical device / Certified by CE declaration. The information contained in this document is intended for healthcare professionals. Read the instructions in the user manual carefully before using this equipment. VX2000 / VX2000H training is required before use.

Manufactured by: Meccanotica Mazza - Distributed by: Luneau SAS

# REFRACTION UNITS



REF. 8115-3000-01 VX3000 with three instruments table (right)  
 REF. 8115-3000-02 VX3000 with three instruments table (left)  
 REF. 8115-3000-11 VX3000 H with electric elevation table (right)  
 REF. 8115-3000-12 VX3000 H with electric elevation table (left)

## Three instruments unit

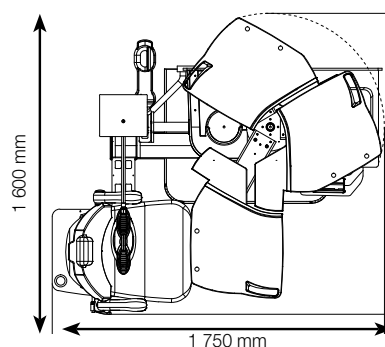
- Table for 3 instruments with manual rotation and manual sliding working position
- Electro mechanic locking system for table in any position
- Console with touch screen control panel + hand instruments support
- Column with adjustable led lamp and projector support plate
- Electric elevation chair and reclining back rest
- Removable arm rest and foot rest
- Integrated supports for skiascope and ophthalmoscope (with optional integrated refill)
- Integrated connectors (USB ... etc)
- Manual or electric arm for refractor

## Available on the VX3000H

- Wheelchair rotation for wheelchair access for people with reduced mobility
- Electric table elevation



<b>Dimensions</b>	1600 X 1750
<b>Weight</b>	250 Kg
<b>Height of the seat</b>	530 - 720 mm
<b>Height of the Table VX3000</b>	890 mm
<b>Height of the table version H</b>	740 - 890 mm
<b>Maximum weight for the table</b>	External Position 30 Kg Internal Position 25 Kg
<b>Maximum weight for the chair</b>	135 Kg (297 lbs)
<b>Voltage</b>	230Vac 50 Hz (230Vac 60Hz – 110Vac 60Hz)
<b>Working table voltage</b>	Instrument 1 = 12 V / Instrument 2 = 220 V / Instrument 3 = 220 V
<b>Standards</b>	ISO 9001:2008 - ISO 13485:2012



The VX3000 / 3000H is a consultation unit intended to support instruments for the ophthalmology consultation.  
 Class I medical device / Certified by CE declaration. The information contained in this document is intended for healthcare professionals. Carefully read the instructions in the user manual before using this device.  
 VX3000 / VX3000H training is required before using this equipment.  
 Manufactured by: Meccanotica Mazza - Distributed by: Luneau SAS - Le 30/06/2015

# REFRACTION UNITS

## COMBI 400

Combi 400 right-handed version REF. 7220063  
Combi 400 left-handed version REF. 7220064

### The qualitative, functional refraction unit

The Combi 400 is an impressive refraction unit with its luxurious material choice and high-class design. The arm rests and the foot rests are made in solid aluminium and give the unit a sophisticated impact. Arm rests with optional wooden accents correlate with the finish featured on the instrument table.

All important operations are operated electromotive using a user friendly control panel. Two light sources create the optimal illumination of the entire working environment.

### The instruments table

- Linear instruments table for two instruments
- Electromotively height adjustable
- Automatic powering of the instruments during positioning

### Phoropter operation

When a phoropter is used for refraction the height adjustable phoropter arm is put into the proper electromotive position. The phoropter can also be tilted to facilitate a comfortable angle for reading, which is further assisted by way of an additional light source to illuminate the reading test type.

- Linear feed forward of the Phoropter arm
- Electromotive height adjustable Phoropter arm
- Tilting Phoropter arm for comfortable reading position

### The comfort refraction chair

The comfortable refraction chair is electromotive height adjustable, as well as forward and backward adjustable to move the patient to the desired position in a quick and secure manner. The refraction chair can also be pivoted away to allow easy access for patients in a wheelchair.

- Comfortable refraction chair with stylish black Simili leatherette covering
- Electromotively height adjustable refraction chair
- Refraction chair is pivotable and tiltable
- Foot rest and arm rest can be folded-away if wanted
- Automatic security-switch to protect the patient
- Moveable to permit wheel chair access

Seat height	530 to 720 mm
Table height	740 to 870 mm
Inclination	70° adjustable-tilt
Seat adjustment	16 cm (6.2 in) back & forward
Arm rest	Pivotable
Standards	MDD, CE

OPTIONS	REF.
Right arm rest	7060017
Left arm rest	7060025
Trial lens tray	8105-8003-00
Desk right hand	8115-8001-01
Desk left hand	8115-8001-02
Combo drawer	8115-8003-00
3rd shelf	8105-8401-00



Wheel chair access



Drawer for accessories



# REFRACTION UNITS

## COMBI 7000-5500

REF. 7220067 COMBI 7000 Right-handed version

REF. 7220068 COMBI 7000 Left-handed version

REF. 7220065 COMBI 5500 Right-handed version

REF. 7220066 COMBI 5500 Left-handed version



### Meets all ophthalmic and optometric needs

Combi 7000 and 5500 are state-of-the-art systems Automation, ergonomic and modern design.

- Column with LED adjustable lamp and projector support plate
- Rotating console with control panel, drawer and room for storage (trial lens case in option in the drawer)
- Reclining back rest
- Removable arm rest and foot rest.



#### Combi 7000 specific features

- The only fully automatic unit
- Automatic rotation
- Automatic sliding table for 4 instruments
- Phoropter arm (option)
- Soft rotation and sliding movements with smooth acceleration and deceleration
- More comfort with automation of the user and patient movements (like re-initialization)

#### Combi 5500 specific features

- Manual rotation
- Manual sliding table for 4 instruments
- Phoropter arm (option)
- Large handle for easy operation (Rotation and sliding)



Automatic sliding table



Desk for personal computer (option)



Control Panel



Drawers

<b>Power supply</b>	230 Vac 50 Hz (230 Vac 60 Hz - 110 Vac 60 Hz)
<b>Working table voltage</b>	3-12 Vac 230 Vac 110 Vac 50 Hz 60 Hz
<b>Dimensions</b>	1950 mm x 1700 mm
<b>Electric elevation chair seat height</b>	480 to 670 mm
<b>Automatic up/down movement for instruments table</b>	800 to 950 mm
<b>Unit colour</b>	light and dark grey (ral 7035 - 7037)
<b>Chair colour</b>	Black skaï fabric
<b>Standards</b>	MDD, CE

<b>OPTIONS</b>	REF.
<b>Backward/forward movement for chair</b>	77200034
<b>Trial lens tray</b>	8105-8003-00
<b>Automatic phoropter arm Right</b>	70600018
<b>Automatic phoropter arm Left</b>	70600024
<b>Desk right hand</b>	8115-8001-01
<b>Desk left hand</b>	8115-8001-02
<b>Combo drawer</b>	8115-8003-00

The Combi 7000 is a consultation unit intended to support instruments for the ophthalmology consultation. Class I medical devices / Certified by CE declaration. The information contained in this document is intended for healthcare professionals. Carefully read the instructions in the user manual before using this device. Training on the Combi 5500/7000 is required before using this equipment.  
Manufactured by: Meccanotica Mazza - Distributed by: Luneau SAS

The Combi 5500 is a consultation unit intended to support instruments for the ophthalmology consultation. Class I medical devices / Certified by CE declaration. The information contained in this document is intended for healthcare professionals. Carefully read the instructions in the user manual before using this device. Training on the Combi 5500/7000 is required before using this equipment.  
Manufactured by: Meccanotica Mazza - Distributed by: Luneau SAS

# REFRACTION UNITS

## REFRACTION UNITS FEATURES AND OPTIONS

Standards configurations	VX1000	VX1200	VX2000 VX2000 H	VX3000 VX3000H	Combi 400	Combi 7000 - 5500
Control panel with butons	•	•			•	•
Control panel with LCD screen			•	•		
Screed lock electro-mechanical system			•	•	•	•
Projector support			•	•	•	•
Electric elevation of chair	•	•	•	•	•	•
Seat rotation	•	•	•	•	•	•
Inclination of back-rest			•	•	•	•
Removable foot rest			•	•	•	•
Removable arm rest	•	•	•	•	•	•
Number of instruments	2	2	2	3	3	4
Additional furnish with drawers			•	•	•	•

Options	Références	VX2000 VX2000 H	VX3000 VX3000 H	Combi 400	Combi 7000-5500
Counter balanced Phoropter righ Arm	7060017	•	•	•	
Counter balanced Phoropter left Arm	7060025	•	•	•	
Automatic phoropter arm right VX2000	8115-8200-01	•			
Automatic phoropter arm left VX2000	8115-8200-02	•			
Automatic phoropter arm Right VX3000	8115-8300-01		•		
Automatic phoropter arm left VX3000	8115-8300-02		•		
Electrical backward/forward movment for chair	7720034	•	•		•
Manual backward/forward chair movement	7240030	•	•		
Trial lens tray	8105-8003-00	•	•	•	•
Wheel chair access (castor version)	8105-8200-00	• (H version only)	• (H version only)		
Right-hand desk	8115-8001-01	•	•	•	•
Left-hand desk	8115-8001-02	•	•	•	•
Combo drawer	8115-8003-00	•	•	•	•
LCD screen support column	7220070	•	•	•	•
3rd shelf	8105-8401-00			•	

# MOTORIZED TABLES

Simple, silent, compact and easy to move, the individual motorized table adapts perfectly additional equipments in all kinds of environment.



Individual table  
REF. 7760018



V-shaped table  
REF. 7760016



Table Top	400 x 600 cm and 440 x 1050 cm
Height (min)	66 cm
Height (max)	88 cm
Load (max)	70 Kg
Voltage	230 VAC
Consumption	250 VA

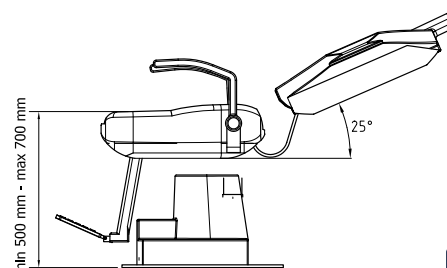
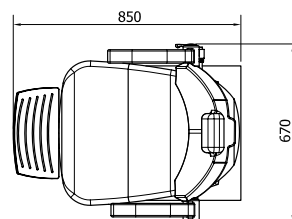
## CHAIR

The COMBI chair with electrical movement has been especially built for the patient comfort and has a user-friendly operating mode.

Reclining chair REF. 8105-0900-00

Fixed chair REF. 7240026

Height mini seat	530 mm
Height maxi seat	720 mm
Reclining (7240026)	70°
Load (max)	130 Kg
Voltage	230 VAC
Weight	50 Kg



# VXBOX AND CONNECTIONS



REF. 8216-1001-03



## SHARE DATA BETWEEN VISIONIX INSTRUMENTS AND OUTSIDE NETWORK

The VXBOX is a communication interface which allows the user to share data between the Visionix instruments among themselves and with outside network. It creates a Wi-Fi network dedicated to the data sharing. It helps to make the full refraction and diagnostic chain integration into the EMR practice software, by sharing Xml file format. It's also a bridge thru the LAN to the Practice network.

### DIRECTIVES

The VXBOX conforms to:  
European Directive 2004/108/EC (EMC) European  
Directive 2006/95/EC (Electrical Safety) European  
Directive 2011/65/EU (ROHS)

### STANDARDS

EN 55022: 2010 + AC2011 EN 55024: 2010  
CEI 60950-1: 2005 + A1 + A2

### DIMENSIONS AND WEIGHT

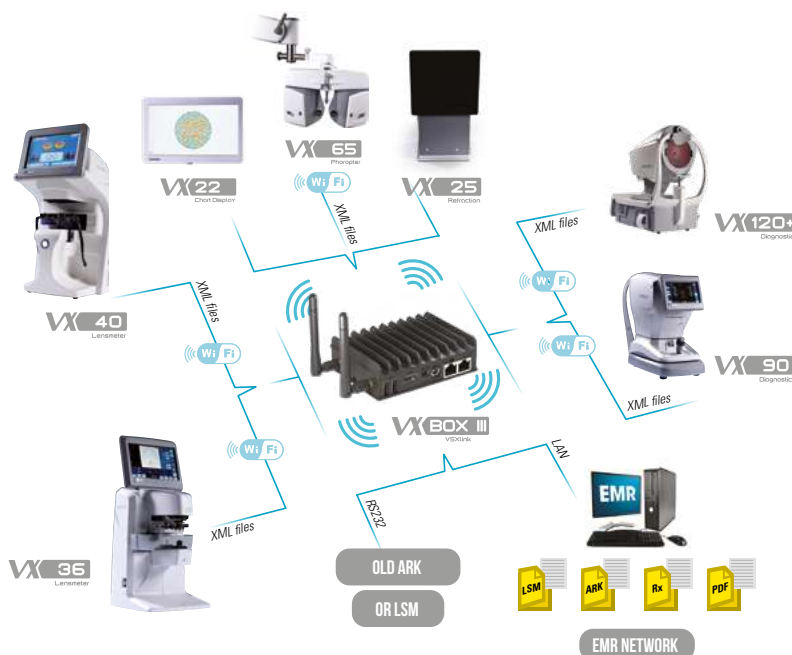
56,1 (H) x 107,6 (W) x 114,4 (D) mm - 0,922 kg



## CONNECTORS REFERENCES

		PC	VX65	VXBOX III
VX40	Wireless	8250-8004-00	4001-0043-00	4001-0043-00
	Wired	8250-8001-00	NA	NA
VX90	Wireless	8250-8004-00 + 8250-8040-5	NA	Built-in
	Wired	130294	NA	NA
VX110, VX120+ VX130+	Wireless	8250-8005-00	8225-8040-10	8255-8040-10
	Wired	8250-8001-00	NA	NA
Rétinomax	Wired	12 91 24	12 91 24	12 91 24
VX22	Wireless	-	40010043-00	40010043-00
	Wired	-	8250-8001-00	NA

## CONNECTION OF DEVICES







**LUNEAU TECHNOLOGY BELGIUM**

Larikslaan 1, 2950 KAPELLEN - BELGIUM  
Tel. + 32 36 05 65 62 \_ [www.lensita.com](http://www.lensita.com)

**Votre contact en Belgique**

Alain Renson - +32 (0)475 49 04 63 - [a.renson@luneautech.com](mailto:a.renson@luneautech.com)

**LUNEAU TECHNOLOGY OPERATIONS**

2 rue Roger Bonnet, 27340 PONT-DE-L'ARCHE - FRANCE  
Tel. + 33 2 32 98 91 32 \_ [www.luneautech.com](http://www.luneautech.com)

**Luneau Technology Operations est le distributeur en Belgique des  
produits DITE, Duckworth & Kent, ERC, Hurricane Medical, MIRA et  
UFSK**