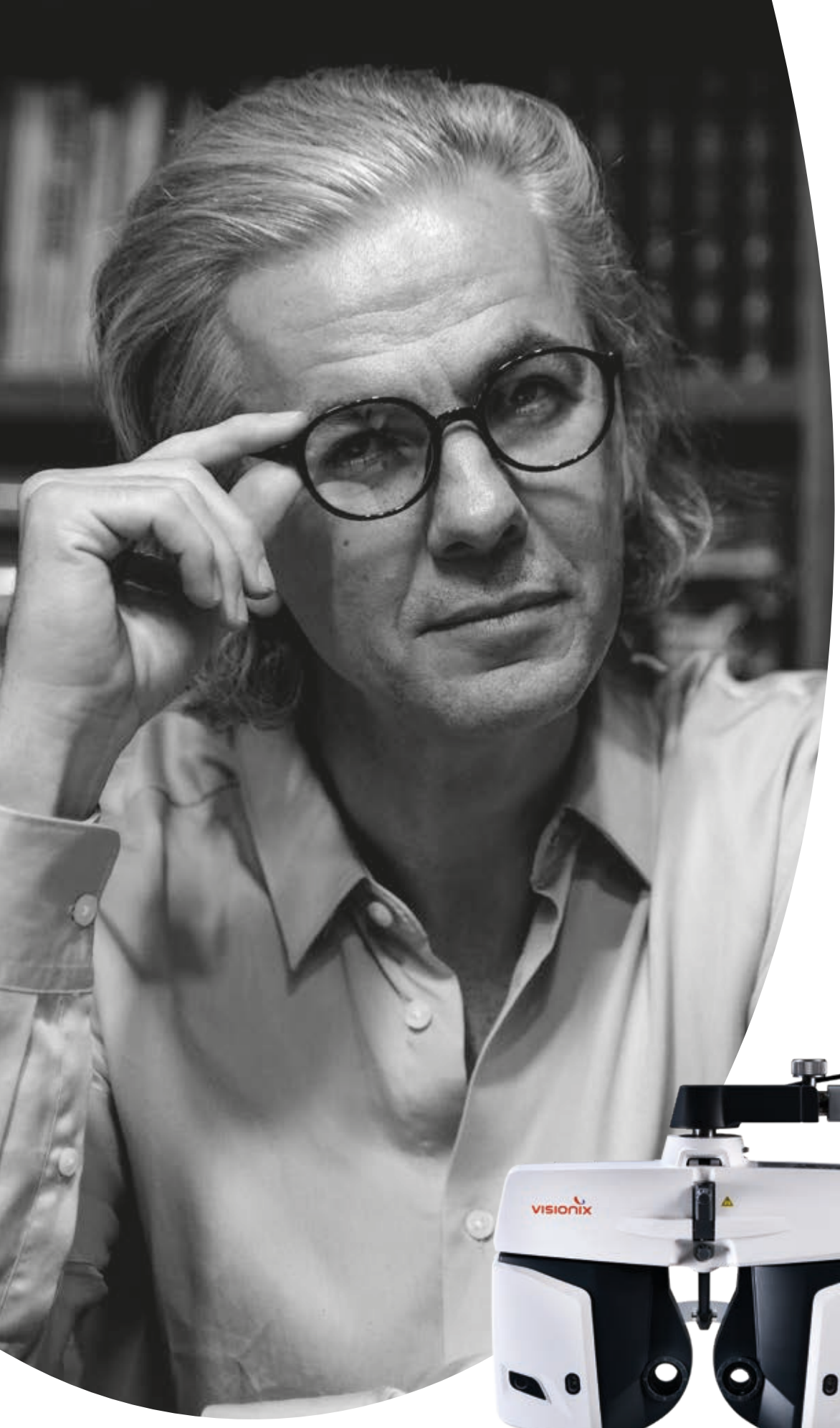
VX 65

An essential phoropter you can rely on

VISIONIX

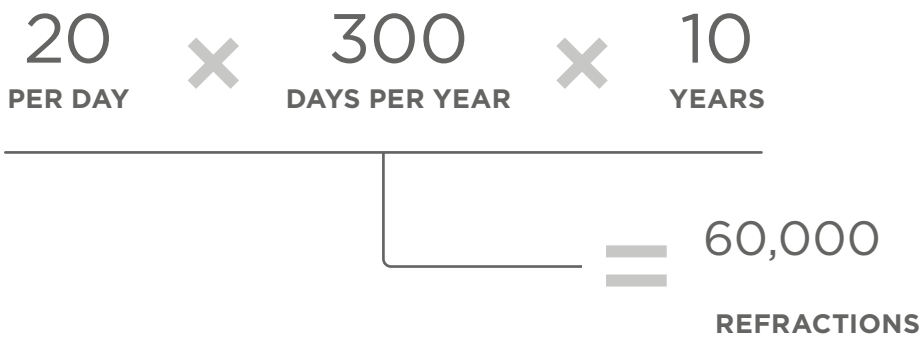
INNOVATION TO UNLOCK YOUR POTENTIAL



VISIONIX
vx 65

Workflow efficiency

Do you ever wonder how many refractions you carry out day after day, all year round? We designed the VX 65 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. Backed by an industry leading warranty.



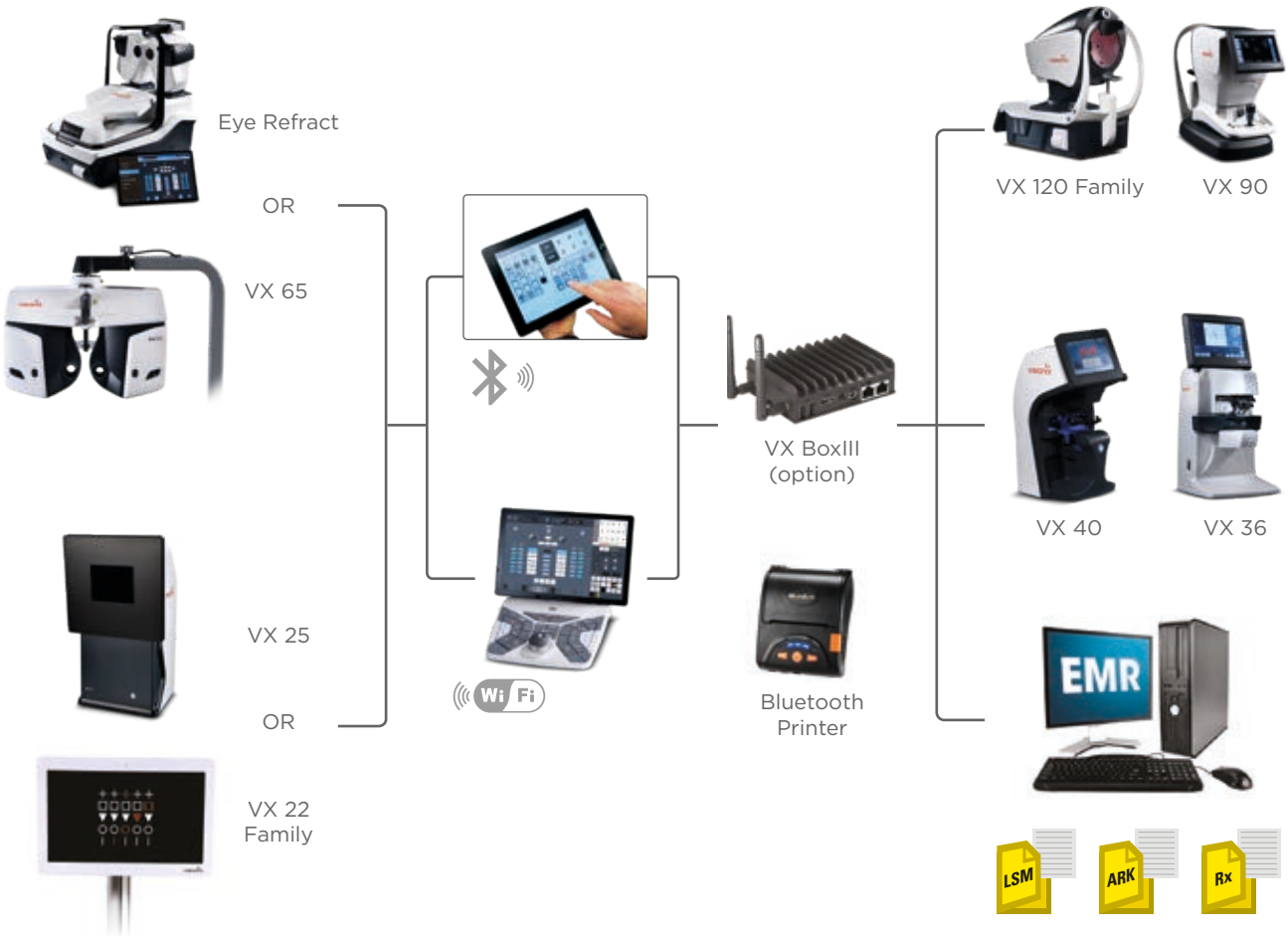
INTENSIVE USE

Benefit from Visionix technology improvements and experience a more accurate and comfortable refraction process.

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 lensometers) via VXbox
- Export refraction data into your EMR system at the touch of a button

* Electronic medical reports



Reduce adoption time for new users

The VX 65 is extremely versatile, including two interfaces for those new to digital refraction and advanced users. One of this interface having manual-and auto-phoropter mode.

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

1

TABLET IN DIGITAL MANUAL PHOROPTER MODE

Make the transition to an automatic phoropter easier

- Dedicated interface for manual phoropter users
- All the functionalities of a manual phoropter with the advantages of automation

2

TABLET IN AUTO-PHOROPTER MODE

Standardize and simplify refraction experiences

- All the functionalities of an automatic phoropter embedded in a wireless tablet
- Customize your refraction routine with up to 6 different programs: Step by step guided refraction with clear instructions for each stage
- Simple and efficient interface

3

CONTROL PANEL (OPTIONAL)

Add physical controls for maximum efficiency and intensive use

- Immediate access to a set of essential buttons
- The tablet becomes a large screen
- The control panel also comes with an optional stand

Rely on your choice

Precise engineering

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

Long lasting

- Better components for maximum durability
- Mechanical components tested to handle 60,000 refractions during their lifetime
- Up to 10 years of intensive use

Chart Control VX 25 or VX 22 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

Recording / printing

- Record and print a pdf report via the VXBOXIII
- Print a ticket direclty from the VX 65 application 1.2 on an external Bluetooth printer

Technical specifications

DIMENSIONS:

WIDTH	350 mm (13.78 in.)
DEPTH	80 mm (3.15 in.)
HEIGHT	280 mm (11.02 in.)
WEIGHT	3.8 Kg (8.38 lbs)
VOLTAGE	DC 24 V - 60w
STANDARDS	CE

Compliance with Regulation EU 2017/745 on medical devices - Class I"
IEC 60601-1
IEC 60601-1-2
ISO 15004-1

Auxiliary lens	
Cross cylinder lens	±0,25 D / ±0,50 D Dual cross cylinder with split prism available with the auto interface
Occluder	Available
Pinhole plate	ø2 mm
Red>green filter	Right eye: red, Left eye: green
Polarising filters	Linear (45°/135°) / Circular
Fixed cross cylinder lens	+0,50 (-1,00) 90°
Spherical lenses for retinoscope	+1.5 D / +2.0 D
Red maddox rod	Right eye: horizontal, Left eye: vertical
Dissociation prism	Right eye: 6 ΔBU / Left eye: 10ΔBI
Refraction distance for near vision	150 mm - 700 mm
Forehead rest adjustment range	12 mm
Measurable range	
Sphere	- 29.00 to +26.75 D min step 0.25 - 19.00 to +16.75 D (Cross cylinder, prism)
Cylinder	0 to ±8,75 D (Min step : 0,25 D)
Axis	0 to 180° min step 1° / 5° / 10°
PD	50 to 80 mm (min step 0.5mm)
Prism	0 to 20 Δ (min step : 0,5Δ / 1,0Δ)
Tablet in auto-phoropter mode	
All the functionalities of an automatic phoropter embedded in a wireless tablet	
Customize your refraction routine with up to 6 different programs: step by step guided refraction with clear instructions for each stage	

REFERENCES AND OPTIONS

VX 65 + tablet
Ref. 8265-0000-00
Includes:
- Digital Phoropter Head
- Tablet (Samsung Tab A, Android 9)
- Accessories (Near vision rod, Near vision test, Cleanable cheek protection).
- Software includes the Tablet in digital manual phoropter mode or Tablet in auto-phoropter mode.

Control panel (optional)
Ref. 8265-8001-00
Includes:
- Control Panel (Bluetooth connection to the Tablet)
- Power supply
- Tablet Charging cable

VX 22 chart displays (optional)
VX 22-NP Non polarized
Ref. 8240-0022-00

VX 22-LP Linear polarized
Ref. 8241-0022-40

VX 22-CP Circular polarized
Ref. 8241-0022-31

VX 65/VX 25 Table
Ref. 8160-0025-00

Arm for VX 65 phoropter
Ref. 8160-5001-18

Control panel stand (optional)
Ref. 8160-8025-00
Includes:
- Stand
- Power cable management inside the column for clean integration
  H 828 mm (32,60 in.) x W 320 mm (12,60 in.) x D 359 mm (14,13 in.)

VXBOXIII communication interface (optional)
Ref. 8216-1001-03
Allows you to interface the VX 65 with Lensmeter and Autorefractometer, and send the final prescription to the EMR Software.

Bluetooth external printer (optional)
Ref.8265-8002-00

VX 25 space saving chart (optional)
Ref. 8225-0000-00
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.

WIFI Dongle (optional)
ALFA NETWORK AWUS036EAC
Ref. 40010043-00

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VISIONIX INTERNATIONAL SAS
2 Rue Roger Bonnet, 27340 Pont-de-l'Arche - France
Tél. + 33 232 989 132 - Fax + 33 235 020 294
contact@visionix.com

www.visionix.com

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