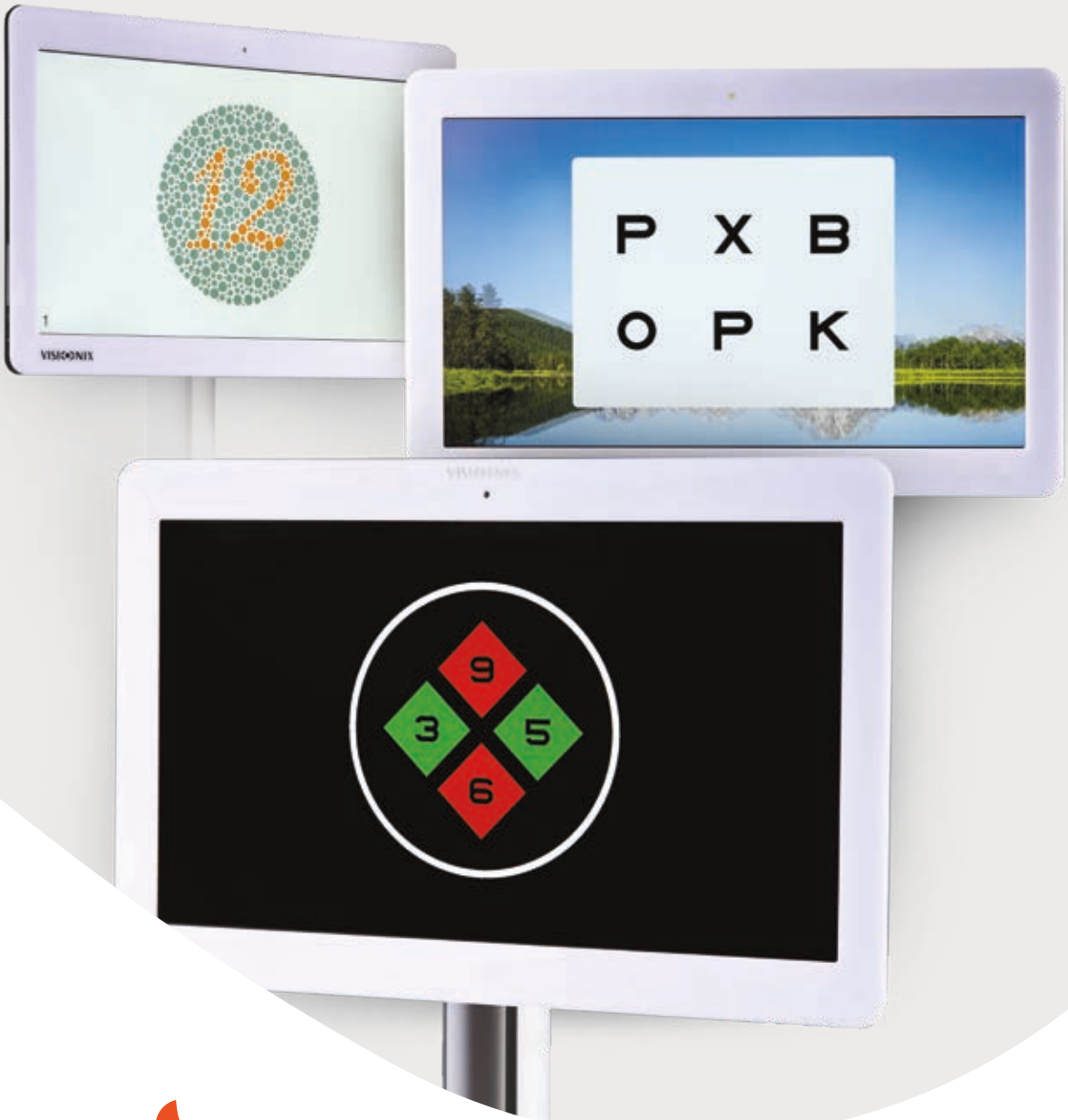
VX 22 serie

Circular, linear and non-polarised chart displays



VISIONIX

INNOVATION TO UNLOCK YOUR POTENTIAL

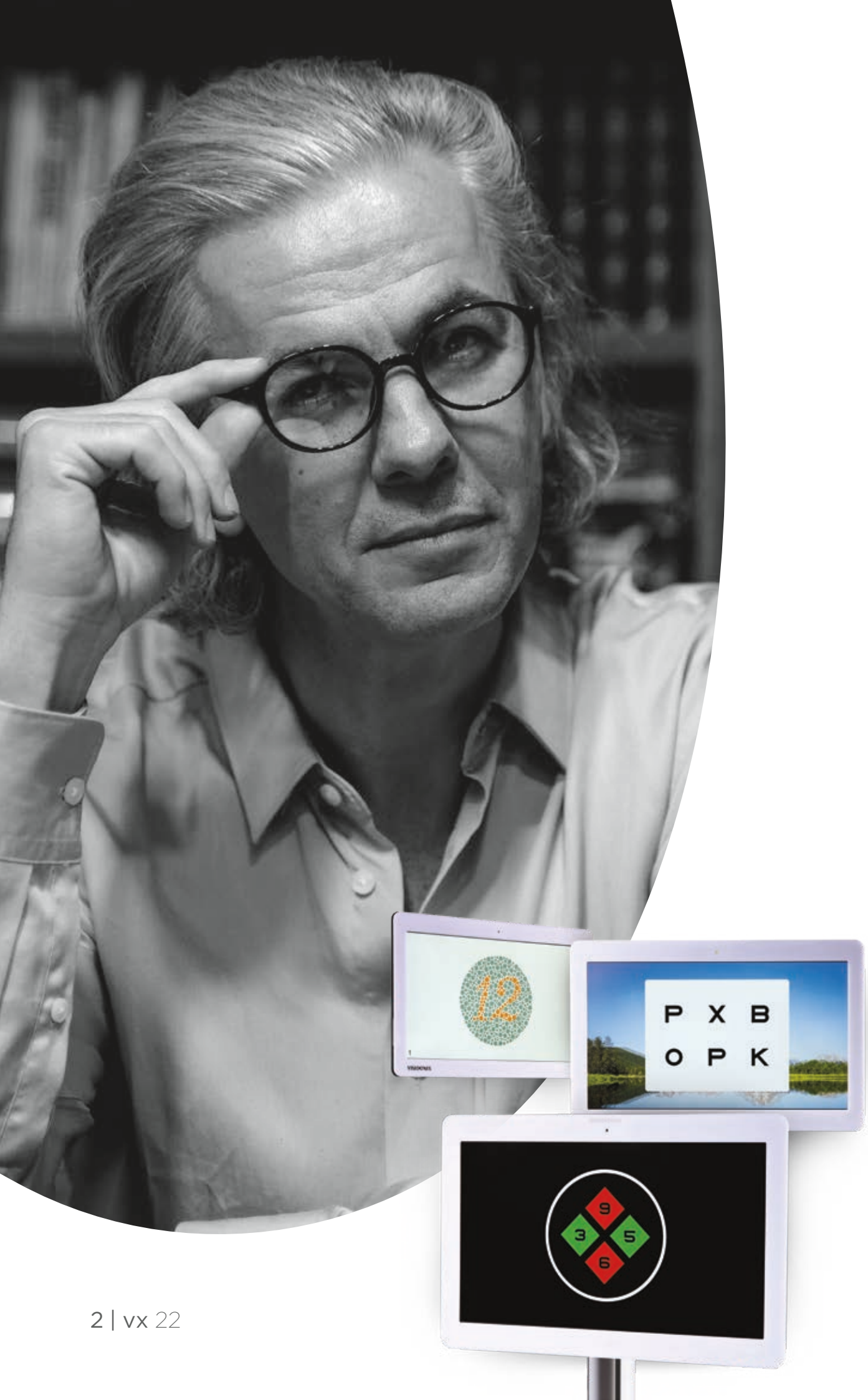

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Chart displays that adapt to your needs

The 23.6” LCD display is available in three versions: circular, linear, and non-polarised, allowing it to be adapted for any request and clinical requirements. 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.

1

VX 22 CP top-of-the-line circular polarised screen

Thanks to its circular polarised screen, all vision tests can be performed regardless of the patient’s position.

2

VX 22 LP linear polarised screen

This device offers linear polarisation for binocular, stereoscopic, and monocular vision testing with optimal quality.

3

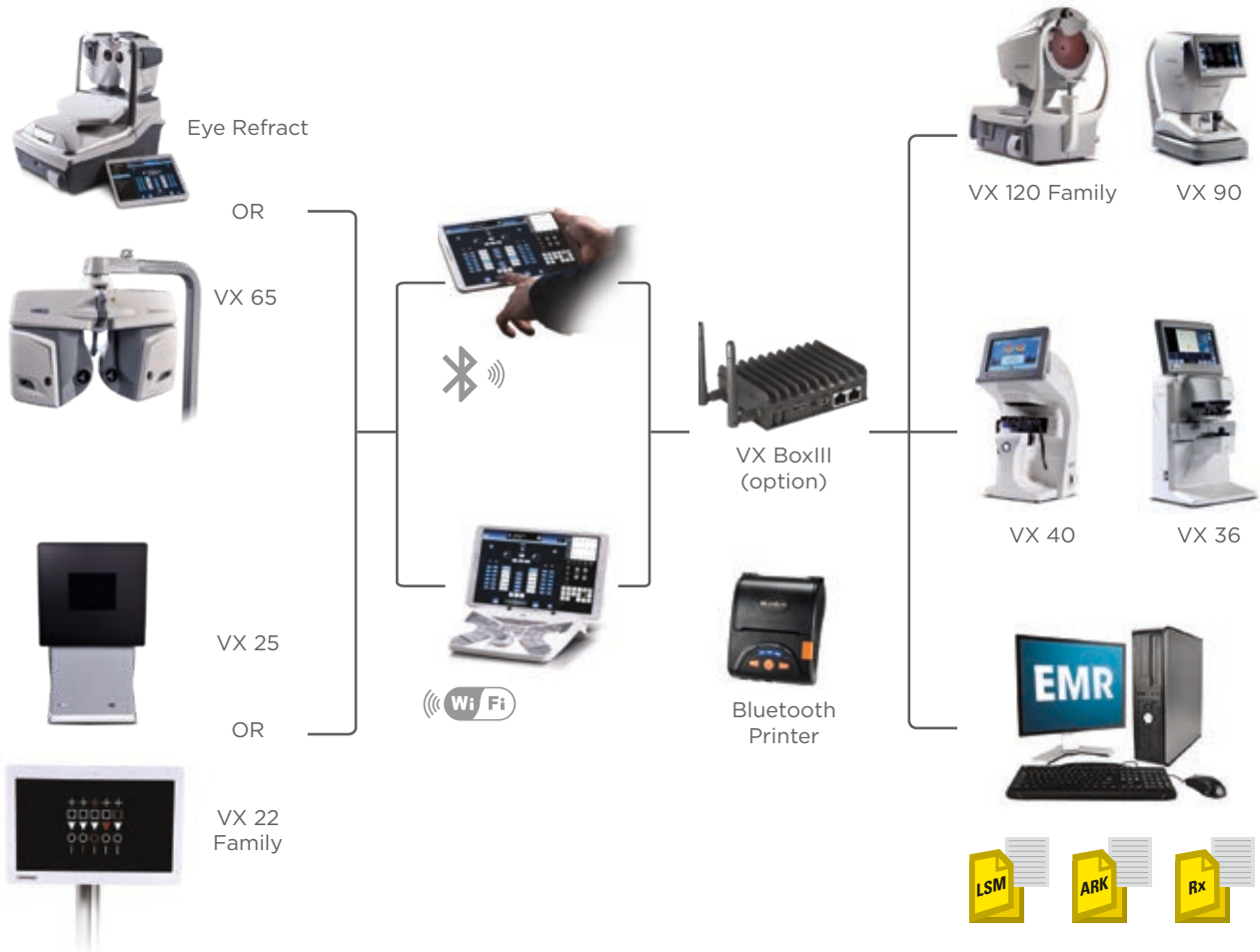
VX 22 NP entry-range non-polarised screen

This product offers a wide range of tests and features, a highly ergonomic design, and simplified operation.

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

* Electronic medical reports

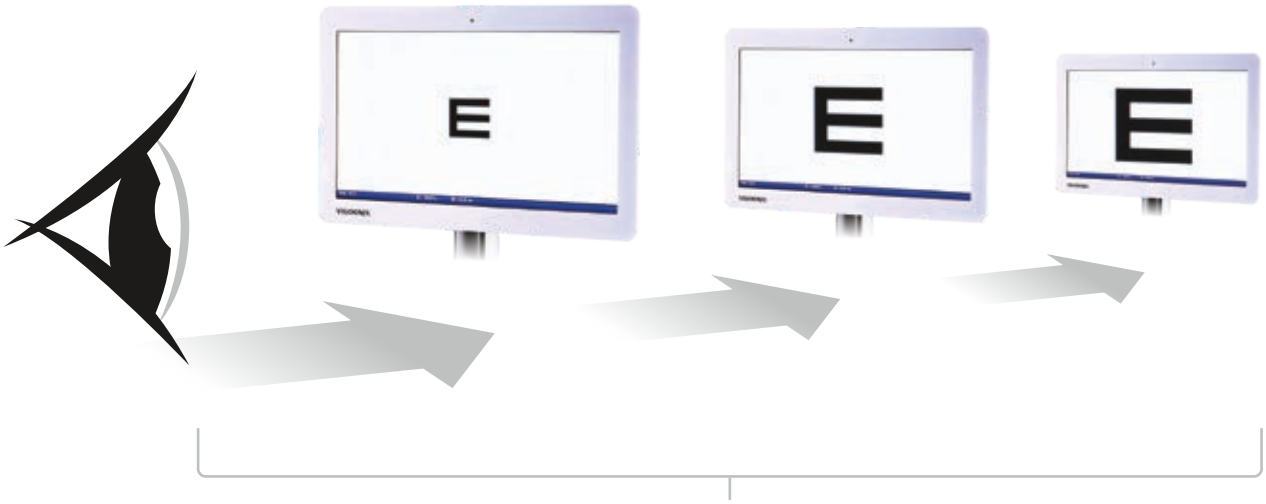


Fully compatible

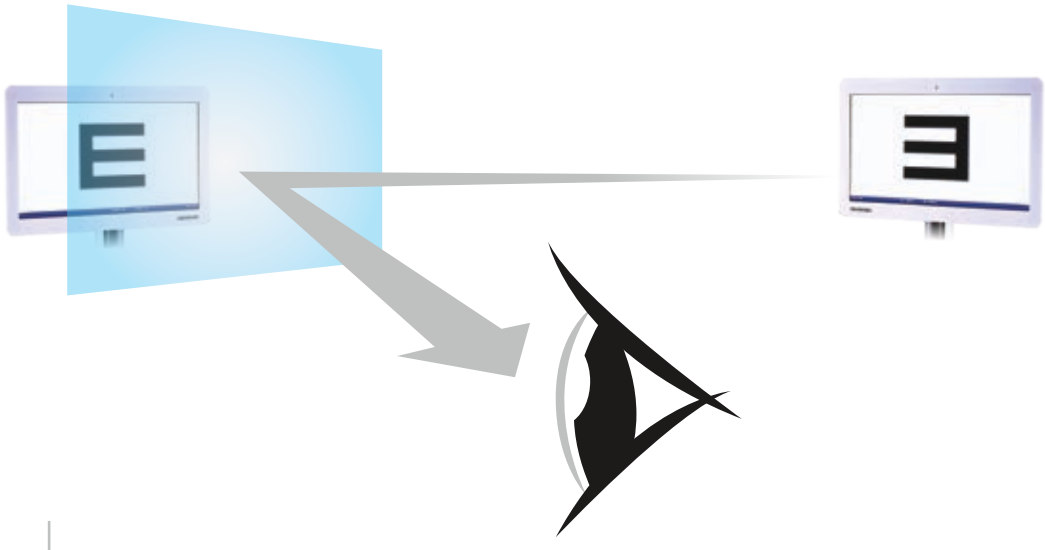
The chart display can be synchronised with the A.I. powered binocular physiological refraction system or the VX 65 digital phoropter through optional cables or WiFi. Once synchronised, changing the charts is possible thanks to the VX 65 remote panel or Eye Refract tablet.

Optimised reading distance

The reading distance can be set between 2 and 8 meters, or in mirror mode for small spaces. The chart size can then be reduced or enlarged depending on the reading distance to maintain the same visual angle.



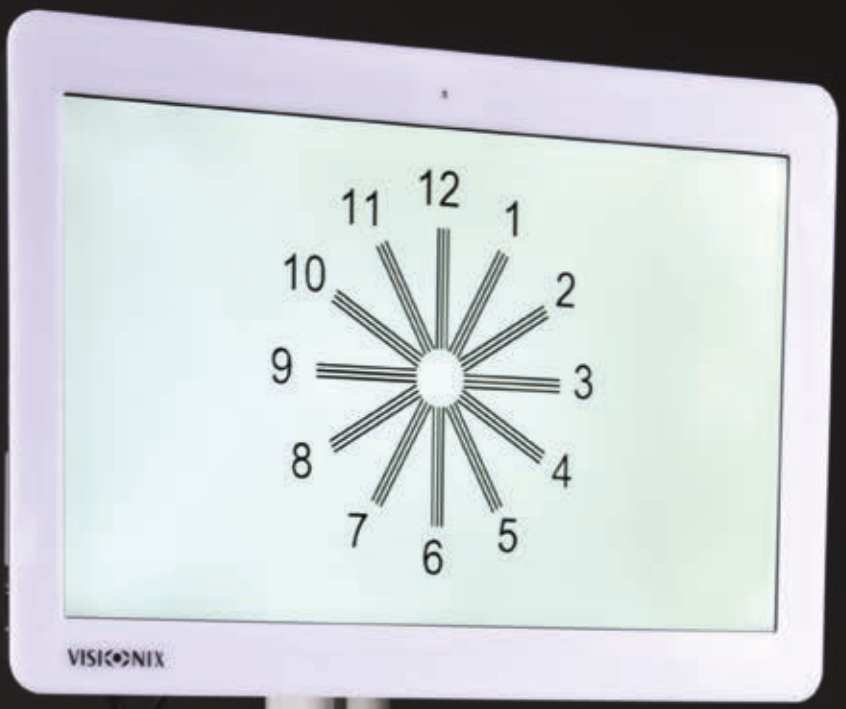
Between 2 and 8 meters



Mirror mode

MAIN FEATURES

- Screen size 23,6''
- Amsler grid for AMD detection
- ETDRS chart with automatic scoring
- Randomisation to avoid memorisation
- Anti-aliasing to avoid pixel effect
- Radio remote control or Acuitab app
- Webservice control via tablet with IOS Android feedback



REMOTE RADIO CONTROL

The wireless remote control communicates via radio frequencies. As a result, it has an increased range and allows the practitioner to avoid having to point the remote control at the screen to change tests.

CONTROL YOUR CHART DISPLAY WITH THE ACUITAB APP*

Control your chart display with the Acuitab App* The "tablet" application allows two-way communication between the display and the tablet (the tablet orders the test and the display sends information about the displayed test back to the tablet).

*ref. 8230-1040-01 tablet not included).
Possible control from any tablet (via web browser).
Minimum resolution requested 1280x800.

Series of optotypes & tests

COMMON TESTS FOR THE 3 CHART DISPLAYS

Letter

Digit

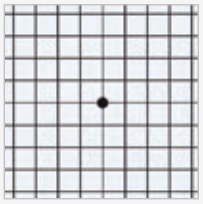
Landolts rings

Snellen

Kids

Geometric

Learning Pic



Amsler

Sheridan

ETDRS

Astigmatism

Dot chart

Jackson Cross

Ishihara

Kids Movie

Polarised balance

Red green balance

Steroscopy

Mallet test

Fusion

Worth tests

Schober test

Pelli Robson

Regan test

Dazzle halo

Dazzle driver

Dazzle recup

Optotypes & tests for polarised chart displays VX 22 LP and VX 22 CP

TESTS AVAILABLE FOR THE POLARISED CHART DISPLAYS

Pola binocular balance

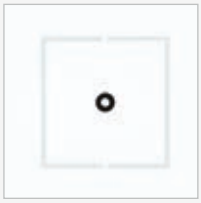
Binocular duochrome polarised

Binocular duochrome polarised

MKH 01 Cross

MKH02 indicator

MKH 03 double indicator



MKH 03 coincidence test

MKH 05 Stereo test with triangle

MKH 06 reduce stereo test with triangle

MKH 07 stereo balance test

MKH08 reduced stereo balance test

MKH09 differential test

MKH09 differential test B

MKH 12 Cowen test

3D test

Binocular immersive vision

For these tests it is necessary to use the polarised frame supplied with the chart displays

Technical specifications

DIMENSIONS:

WIDTH	585 mm (23.03 in.)
DEPTH	46 mm (1.81 in.)
HEIGHT	380 mm (14.96 in.)
WEIGHT	3,8 kg (6.61 lbs)
VOLTAGE	DC 24 V - 60w
STANDARDS	CE
VX 22 NP	8240-0022-00
VX 22 LP	8241-0022-40
VX 22 CP	8241-0022-31

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

General features

• Screen size	23,6 inch
• Resolution	1920x1080
• Luminance	250 Cd/m²
• Reading distance	2 to 8 meters
• 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

Stands and Mounts

7191013
Floor stand
(Optional)

7610022
Table stand
(Optional)

8230-5041-07
VESA wall mount
(included)

Accessories

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

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