



VISIONIX
The Vision of the Future

VX 55
Phoropter

Your Practice, Enhanced.

VX55

**A new type of digital phoropter:
Featuring the simplicity and comfort of a manual refractor.**

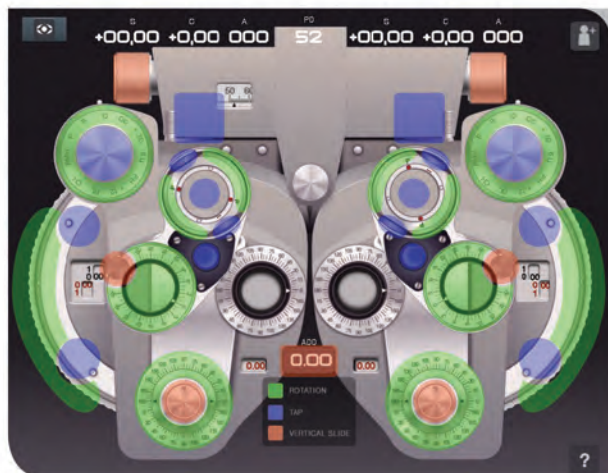
A SOUND ERGONOMIC DESIGN

- Freedom of movement.
- VX55 enables Bluetooth wireless communication between the head and the tablet.
- Full control of the digital phoropter.
- Provides technology that will offer your patients the «wow» factor.



EFFICIENT REFRACTION MANAGEMENT

- Unique Add “assist” function offering easier operation when testing the add value in near vision.
- Built-in white LED lighting offers clear and safe illumination at the touch of a button.
- Features the ability to memorize two refractions and gather feedback on preference from your patient.



INTUITIVE SOFTWARE AND FUNCTIONS

- Simplicity and comfort of your manual refractor.
- Guided interactive tutorial.

Digitalize your standard refractor, control the entire refraction process from a tablet and exceptional versatility. Keep your refraction habits. The VX55 from

With the Visionix **VX55**, enjoy electronic refraction technology without changing the way you work.



CONTROL OF THE CHART DISPLAY

- This tablet also allows communication with the chart displays as a complete remote control. The tablet shows the optotypes on the display screen so you can see what your patient is reading without having to adjust your body position.



VX55 ALLOWS CONNECTION AND TRANSMISSION TO OTHER DEVICES

- Refraction Devices via the VXBox, communication box (completely wireless interface with the autorefractor and auto lensmeter).
 - Reduces refraction time and can be networked into your EMR system so data is transmitted into patient file with the touch of one button.



Making refraction quicker and easier than ever before, providing unparalleled performance in Visionix offers effortless efficiency without changing the way you work.

HIGH QUALITY PRODUCT

- Smooth, quiet lens selection for faster examinations.
- Compact and ergonomic Design.
- Multi-coated lenses for better Performance.

Product video demonstration:

www.aitindustries.com

Technical specifications

General	
Dimensions	W 355 mm x H 276 mm x D 100 mm (14 in. x 11 in. x 4 in.)
Weight	3.5 kg (7.7 lbs)
Standard accessories	Tablet, Near point card, Near point rod, Forehead rest, Face shield, Power cord
Power consumption	AC 100 to 240 V ($\pm 10\%$), 50 / 60 Hz
Power consumption	30 VA
Measurable range	
Sphere	-19.00 to 16.75 D (0.25 D / 0.5 D to 3.0 D increments)
Cylinder	0.00 to ± 6.00 D (0.25 D / 1 D increments)
Axis	0 to 180° (1° / 5° increments)
PD	52 to 80 mm (far mode)
Rotations prism	0 to 20 Δ (0.1 / 0.5 / 2 Δ increments)

Auxiliary lens	
Cross cylinder lens	± 0.25 D
Occluder	Available
Pinhole plate	$\varnothing 2$ mm
Red-green filter	Right eye: red, Left eye: green
Polarizing filters	Right eye: 135° / Left eye: 45° Right eye: 45° / Left eye: 135°
Fixed cross cylinder lens	± 0.50 D
Spherical lenses for retinoscope	+1.5 D / +2.0 D
Red maddox rod	Right eye: horizontal, Left eye: vertical
Dissociation prism	Right eye: 6 Δ BU / Left eye: 10 Δ BI
Refraction distance for near vision	400 mm (15.74 ft.)
Forehead rest adjustment range	12 mm



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