



Fully Automatic Lens Analyzer

COMPLETE PRESCRIPTION
ANALYSIS IN 30 SECONDS

Automatic Lensmeter

VX40

The Power of Wavefront

Visionix wave front technology allows you to have a full detailed analysis of a frame at the push of the button. Experience the next generation autolensmeter with the VX40. The VX40 can detect and analyze single vision, bifocals, and progressive lenses and is compatible with all lens technologies and brands.



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

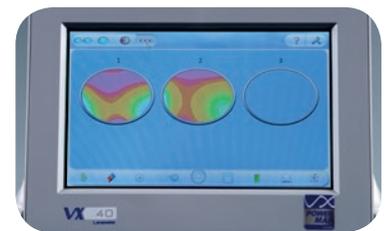
The lens is studied completely which allows for the operator to pick any point on the lens to verify the power and accuracy of the manufacturing. Compare and analyze even freeform progressive lenses and show your patients the differences between different progressive lens designs.



Connect to the Visionix Digital Refraction Suite and other Devices / EMR!



EHR/EMR
CAPABLE



Technical specifications

General data	
Dimensions	W 220 mm x H 455 mm x D 240mm W- 8.66 in H-17.9 in D-9.44]
Weight	9 Kg (20 lbs)
Printer	Internal
Screen	LCD/16M colours, 7"
Light source	LED – 730 nm
Working conditions	10 to 40°C
Power supply	115/230V – 50/60 Hz
Standards	CE
Data output	RS-232, Bluetooth

Measurement range	
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~± 3.5D (step 0.01, 0.06, 0.125, 0.25D)
Prism power	0~± 10 Δ (step 0.01 Δ)
PD measurement	Mono / Bino
Cylinder	- , +