

VX 40 Pro\*

# One-Touch Lens Analysis & Verification



# Simplify Your Final Inspection and Unlock Your Full Potential

The VX 40 Pro\* Auto Lensmeter / Lens Verifier is a must-have for ECPs looking to elevate quality control in their daily workflow. It delivers a seamless, automated process that verifies every frame and lens assembly against precise measurements and prescription data.



## SIMPLE & FAST

With a smooth, user-friendly interface accessible to all team members, the VX 40 Pro Auto Lensmeter / Lens Verifier is designed to fit seamlessly into your workflow.

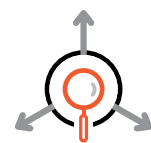
Results are displayed in just a few clicks—no complex steps required.



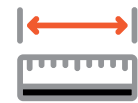
## PRECISE

Instantly verify the compliance of your finished eyewear. The device accurately inspects mounted eyewear—both lenses and frames.

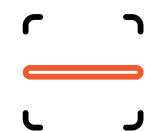
With WaveFront technology, check the design of progressive lenses assembled in your lab or brought in by new customers.



**Automatic Lens Detection**



**Wide Measurement Range**



**Lens Mapping and Verification**



**Visualization of Optical Center and Micro Engravings**

\*Please note: The VX 40 Pro was previously known as the VX 40 Couture. Product specifications and features remain unchanged.



## QUALITY CONTROL

The device verifies all critical parameters: sphere power, cylinder, axis, prisms, and optical center alignment—ensuring any potential error or deviation is detected.

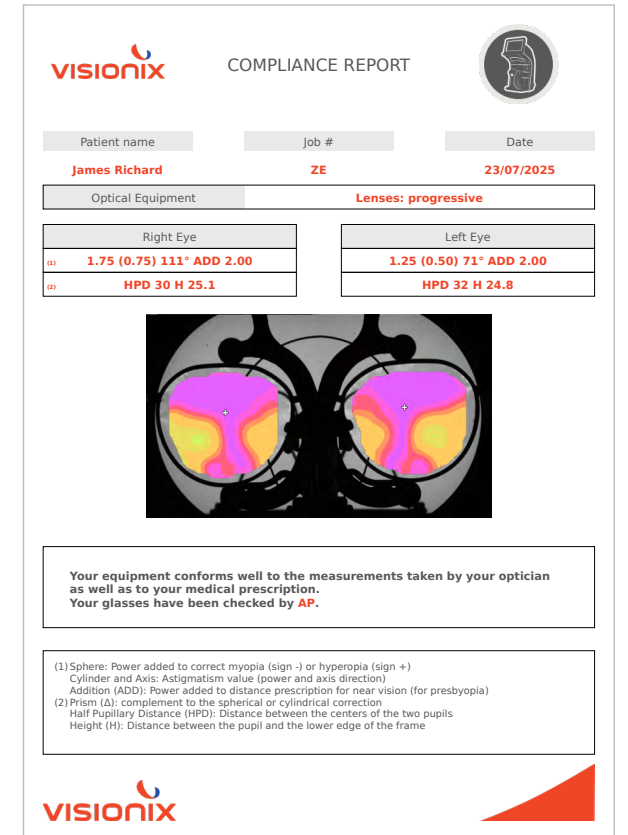
All measurements are recorded in a report, guaranteeing the delivered eyewear meets ANSI Standards.

Access all your control reports with ease. Review your lens mountings at a 1:1 scale directly on screen—these features are designed to meet your needs and those of your customers.

With a single click, you can check:

- Lens mapping
- Power
- Half-pupillary distance
- Height
- Prismatic effect
- Lens Verification

...and instantly receive a compliance report.



# Visionix wavefront technology provides full, detailed lens analysis in 30 seconds!

## VX 40 Pro Auto Lensmeter / Lens Verifier Key Features:

- **Fully Automated** - After the operator places the frame and initializes the start procedure, lens analysis and measurement are completely automatic. Even left / right lens movement requires no user input.
- **Easy to Use** - After pushing the start button, the whole process works on its own.
- **Automatic Lens Analysis** - Detects most lenses, including bifocals, progressives, freeform, and single vision lenses. It is compatible with most lens technologies and brands.
- **Complete Visual Analysis** - Analyzes the lenses and conveys the measurements to the operator in a visual topographic map. The three PowerMaps provide a visual representation of the lens design characteristics and help verify that the lenses are made correctly.



# Integration is Power. Inspection is Confidence.

The VX 40 Pro is the first and only fully integrated eyewear inspection system designed specifically for in-office labs.

Save valuable time, reduce costly returns, and deliver exceptional quality to your customers. Thanks to 100% secure connectivity with the Briot Couture or WECO E7 systems, the VX 40 Pro Auto Lensmeter / Lens Verifier ensures unmatched accuracy and efficiency. While it also works in stand-alone mode, full integration unlocks the power of complete automation — making it the ideal solution for fast, reliable, and consistent verification.



# Technical Specifications

## MEASURABLE RANGE

Number of analyzed points	Up to 1,350
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	-, +

## GENERAL

Screen	LCD / 16M colors / 9" / 1024 x 600
Light Source	LED - White
Working Conditions	10 to 40°C
Data Output	RJ45
Dimensions	240mm (9.45 in) W x 480mm (18.9 in) H x 370mm (14.6 in) D
Weight	11.3 kg (24.9 lbs)
Voltage	115 V - 230 V 50 Hz - 60 Hz



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