



CLEARLY VISIONARY. MEASURE THE DIFFERENCE*



VISIOFFICE® 
By **ACTIVISU®**

A NEW GENERATION OF OPTICAL MEASURING SYSTEMS FOR A REINVENTED CUSTOMER EXPERIENCE



HIGH DEFINITION touch screen

It reflects the excellence of the Visioffice® X: cutting edge technology for ultra-personalized lenses, an exclusive measuring system for optimal comfort. Its 1080x1920 resolution full HD touch screen makes it possible to see the tiniest of differences, enhancing the overall experience.

MULTI-FACETED mirror

Wherever it is placed in the room, the space is optimized as the electronic mirror pivots at 180°. This other facet of the Visioffice® X, when outside of its core use, broadcasts captivating content, enriching the client journey. Its elegant design emphasizes the technological power of the product.

ENLIGHTENING process

The guided protocol, through vocal and visual instructions, gives the patient a greater appreciation of the measurements taken. The explicative animations on the Visioffice® X screens allow the patient to immediately understand the benefits of personalized measurements and further highlights the ECP's expertise.

HIDDEN screen

The patient's measurements are animatedly shown directly on the mirror, in a highly aesthetic display. The animation provokes a surprised reaction from the client, further engaging their interest and attention during the measurements process.



UNRIVALLED PRECISION* FOR HIGH DEFINITION VISION

MULTIPLE cameras

3 cameras work simultaneously to provide a 3D reconstruction of the eye-lens combination in the front and 3/4 views. Real-time analysis of the images allows for better space detection. The increased precision of measurements is optimized as a result.

MARKERS for precision

The markers placed on the frames allow for the statistical analysis of the patient's natural posture. The precision of the measurements is one-tenth of a millimeter and one-tenth of a degree. This high level of precision cannot be reached without the markers.

3D reconstruction

Visioffice® X combines stereoscopy and the visuals of 3 cameras, modeling the exact position of the eyes in 3 dimensions. The analysis of this model allows a 3D reconstruction of the eye-lens combination, offering the highest precision and reliability to calculated measurements.

INFRA-RED cameras

They minimise the impact of the lighting environment around the Visioffice® X and optimise the measurement stages. The 2 infra-red cameras provide you with the option of taking measurements through tinted lenses without removing them.



EACH EYE IS UNIQUE. WITH ESSILOR MAKE THE MOST SUITED PERSONALIZATION FOR YOUR PATIENT

EYECODE™ technology

EyeCode™ is a patented and exclusive technology allowing to measure in 3D the exact position of the Eye Rotation Center. This unique point in the eye, where all fixation lines intersect, is considered in the lens production to calculate more precisely each fixation and provide a higher lens precision for an instant vision without effort for the wearer².

NEAR VISION BEHAVIOR measurement

Near vision activities involve a whole-body posture response and each wearer behaves differently while performing a near vision task. The Near Vision Behavior measurement³ recreates a familiar close-up task to understand how wearers naturally use their eyes to provide them with a better and accelerated adaptation to their new lenses⁴.

H3D analysis

H3D is a patented and exclusive protocol which analyzes the natural posture of the client in far vision with an accuracy of 1/10 of a degree. The H3D technology is automatically embedded in the Visioffice® X's measurements protocol to ensure a better comfort for the wearer.



² At least 5 times higher than other Essilor's personalized lenses without eyeCode. 2009 Essilor R&D calculations.

³ Only available with Varilux Xclusive 4D and Varilux X track.

⁴ Varilux X series studies. 2016 Essilor R&D calculations.

BENEFIT FROM AN OUTSTANDING OPTICAL MEASURING SYSTEM

REINVENTED CUSTOMER
EXPERIENCE

OPTIMIZED PRECISION
OF MEASUREMENTS

INTERACTIVE PROCESS
FOR TAKING MEASUREMENTS

CALCULATION OF EXCLUSIVE
PARAMETER FOR EYECODE LENSES

TIME SAVING

MEASUREMENTS TAKEN
FOR SUNGLASSES



For more information, please contact your local provider.
www.essilor.com

**Even more precise than the previous generations of Visioffice®.*

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