

VX650

Diagnostic

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PRESENTS THE MULTIMODAL DIAGNOSTIC DEVICE
VISIONIX® VX650

Why did you have Visionix® VX650 installed at your office?

Fundamental changes have occurred in the area of patient flow during consultations with the development of imaging technology, automated measuring, and the deployment of telemedicine. It is my opinion that the VX650 is the only comprehensive, high-performance device available today that is capable of adapting with these changes while managing significant patient flow in a market where hiring employees has become difficult and more costly. In the blink of an eye, a single piece of equipment, performs an anteroposterior eye exam that is more complete than one performed during a typical consultation.

What data is obtained using the VX650?

At the end of the exam, the VX650 generates an exhaustive, high-quality report. Using aberrometry, it measures objective refraction, corneal and/or total HOAs / LOAs, making it possible to analyse diurnal and nocturnal variations in refraction. The VX650 also performs anterior and posterior topography with keratoconus detection. The Scheimpflug imaging provides anterior chamber depth, pachymetry, measurement of the iridocorneal angles, white-to-white distance and kappa angle. It includes also retinography, tonometry and dry-eyes screening.

Thanks to the quality of the images and the speed with which all of the data is obtained, more information is made available for establishing a diagnosis, without lengthening the consultation time.

What are your impressions of the user experience?

The VX650 is completely automated, it is easy for moderate trained staff to use. In my day-to-day work as a cataract and refractive surgery specialist, the VX650 provides me with precision for choosing intraocular implants and enables me to select patients who are eligible for refractive surgery. This device also provides the option to view the results at the end of the exam in a summary with clickable sections if more detail is needed. This is extremely helpful because it facilitates discussions with the patient and optimises explanation time, particularly for surgical indications.

What role do you see the VX650 playing in the dynamics of the offices and centres of tomorrow?

In France, telemedicine has arrived in a context where there have already been new developments in assisted work, which have been spurred on by recent legal provisions allowing orthoptists to perform procedures previously requiring the presence of an ophthalmologist. The VX650, which was designed to save screening time and make delegation easier, can be used to respond to this revolution in patient flow management and healthcare access in the vision field by allowing diagnostic reliability, a reduction in travel requirements for the patient, and improved time management.

Illustration: exam report obtained from the VX650

