



Tomorrow's Vision Today

Revolutionary Refraction Technology

Available exclusively in the UK from Grafton Optical. For a quote or to arrange a demo please contact sales@graftonoptical.com or call us on 01923 233980.

graftonoptical.com

VISIONIX
The Vision of the Future

REDEFINING REFRACTION

Eye Refract features a dual Aberrometer that utilizes a unique and innovative technology which couples an automatic refraction measurement and a simultaneous iterative lens adjustment. This instrument has revolutionized the practice of refraction offering quick, accurate, and reliable measurements. Eye Refract allows eye care professionals to optimize time spent with patients by offering a highly customized experience with an exceptional prescription.

THE FULL CONCEPT:



Fully Automatic: Eye Tracking, Auto-Focusing

Distance and Near Vision Measurement

Wireless Capability with Tablet Remote

PERFECT VISUAL ACUITY IN LESS THAN 1 MINUTE

BEFORE EYE REFRACT

The average time of a standard refraction is 8 to 10 minutes



WITH EYE-REFRACT

Achieve binocular refraction in just 2 minutes



Less dedicated time for refraction, more time to interact with your patients

MORE ACCURATE PRESCRIPTION

BEFORE EYE REFRACT

Refraction bias induced by the patient uncertainty



WITH EYE-REFRACT

Real time lens adjustment based on patient brain reactions



Accurate and reliable prescriptions offer maximum patient comfort in less time

TIME SAVINGS

BEFORE EYE REFRACT

Patients experience longer wait times



WITH EYE-REFRACT

Drastic reduction in waiting time

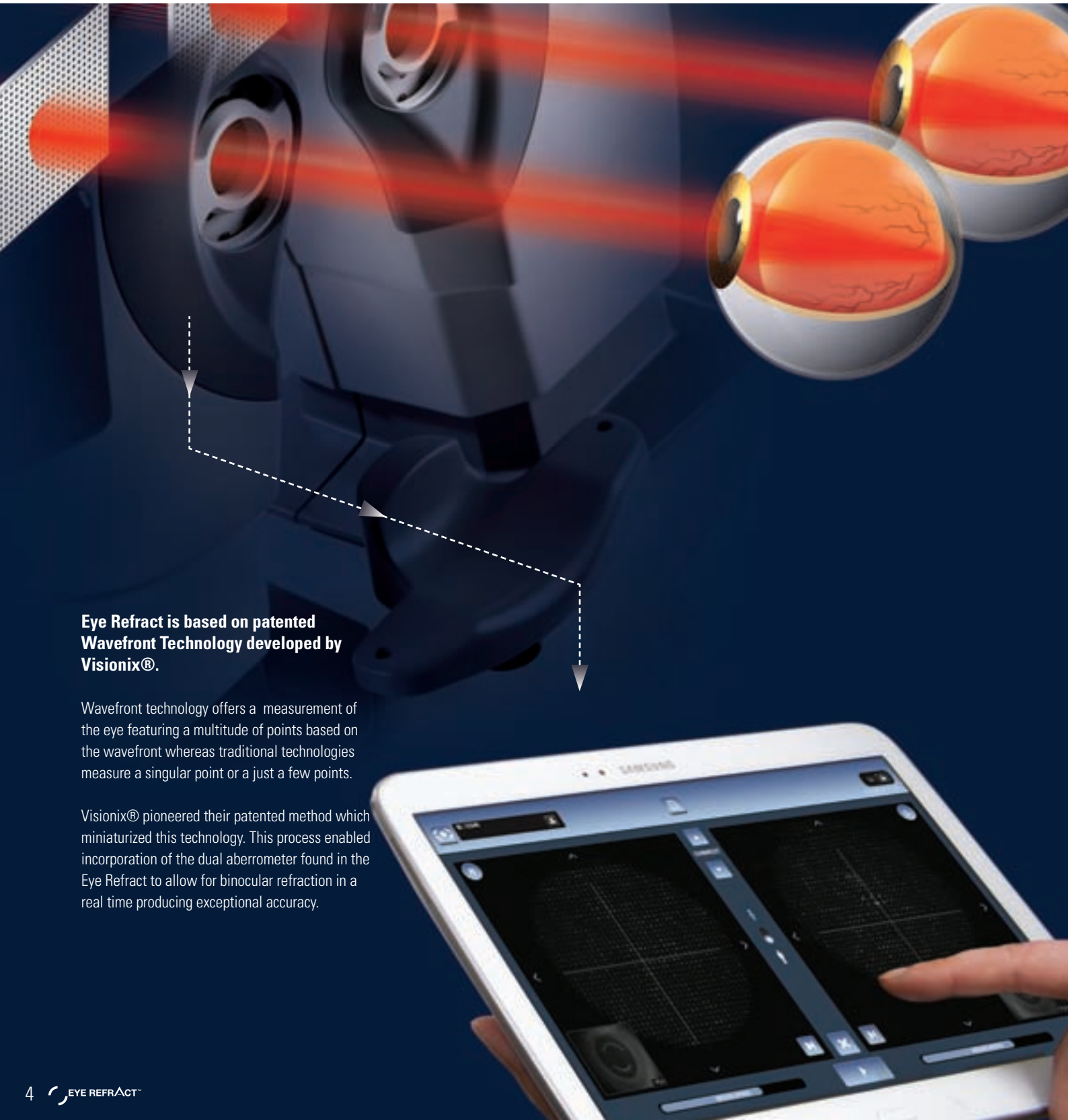


The ultimate efficiency for your practice

WAVEFRONT TECHNOLOGY

VISIONIX HAS DEVELOPED A NEW METHOD OF REFRACTION

Eye Refract features two Shack-Hartmann sensors running simultaneously to provide real time binocular refraction. These sensors combined with the phoropter head allow Eye Refract to automatically correct visual defects.



Eye Refract is based on patented Wavefront Technology developed by Visionix®.

Wavefront technology offers a measurement of the eye featuring a multitude of points based on the wavefront whereas traditional technologies measure a singular point or a just a few points.

Visionix® pioneered their patented method which miniaturized this technology. This process enabled incorporation of the dual aberrometer found in the Eye Refract to allow for binocular refraction in a real time producing exceptional accuracy.

WIFI ENABLED TABLET REMOTE

Eye Refract is controlled by a tablet remote which allows the operator freedom of movement

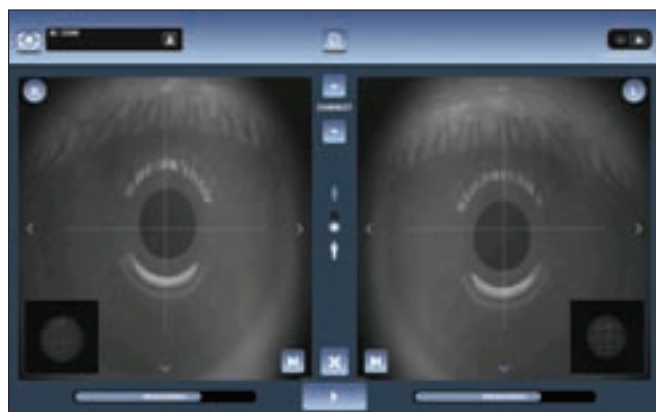


Back screen control display

Pupillary Distance

Refraction visualization

Near vision refraction screen



Measuring screen



Refraction screen wheel accessories

THE TECHNOLOGY OF TOMORROW IS AVAILABLE TODAY



BINOCULAR VISION

Monocular measurement in a binocular environment offers a more precise and comfortable prescription based on individual visual behavior.

NEAR VISION MEASUREMENT

True addition which takes into account real distance results in unmatched comfort for your patients.





AUTOMATIC MEASUREMENT

Easy-to-use refractive instrument featuring highly repeatable results independent of operator, patient, or methods used.

ULTRA FAST PROCESS

Technology featuring:
Auto-focus, Auto-tracking, simultaneous measurement. Both measurement and refraction verification occur at the same time.
Fully connectivity and data transfer (VX 40, VX 24, PC).

- > More Natural Measurement
- > Quick Process for Maximum Patient Comfort and Time Savings
- > Highly Accurate Prescriptions

