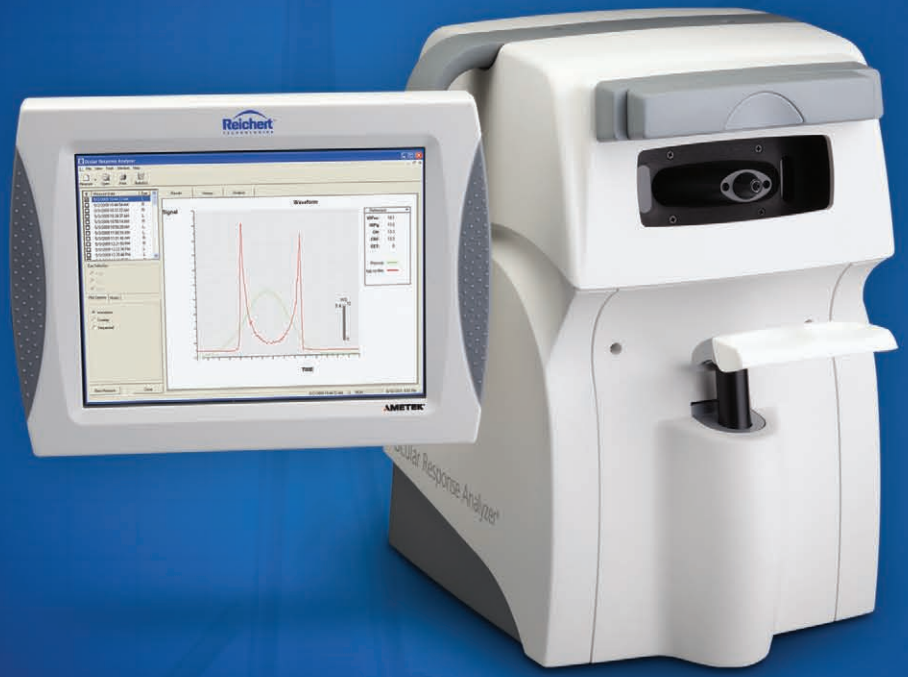

The *next* generation Ocular Response Analyzer®

All-in-one, touchscreen design & enhanced measurement repeatability.

Understand the Cornea. Understand the Pressure.

Reichert™
TECHNOLOGIES
Advancing Eye Care. Preserving Sight.™

Made in the USA

AMETEK®
ULTRA PRECISION TECHNOLOGIES

Reichert® *is* Corneal Biomechanics.

Since the introduction of the 1st generation **Ocular Response Analyzer®** in 2005, Reichert has continued to define the ocular biomechanics revolution. We are now pleased to announce the *next* generation **Ocular Response Analyzer.**

Ocular Response Analyzer is the only instrument in the world capable of measuring corneal biomechanical properties and corneal compensated IOP (IOPcc). This valuable information enhances the ability of eye care professionals to make crucial decisions in a number of important areas:
Glaucoma, Accuracy of IOP Measurements and Keratoconus.

The next generation Ocular Response Analyzer features:

- Attractive, space-saving, all-in-one platform with internal processor and 160GB hard drive
- Innovative left/right mounting, 180-degree rotating, 12" touch screen for flexible system configuration
- All-new, robust XYZ platform provides *fast* and *quiet* auto-alignment, reducing patient anticipation
- Updated optical system to ensure better quality, more repeatable measurement signals
- Updated user interface/software is more attractive, streamlined and convenient
- Optional motorized chin rest

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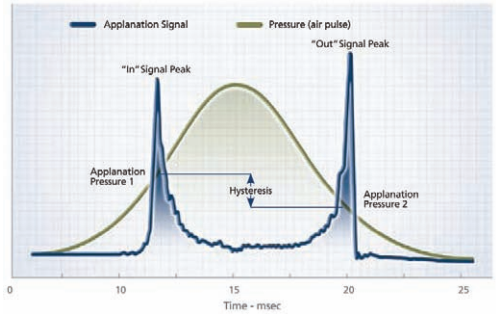
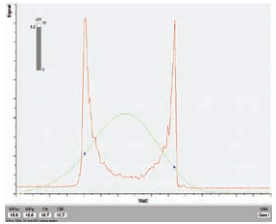
Ocular Response Analyzer Measurement Parameters:

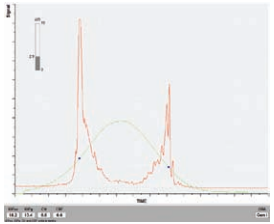
- **IOPg (Goldmann-Correlated IOP Measurement)** - An Intraocular Pressure measurement that is strongly correlated with traditional Goldman tonometry values.



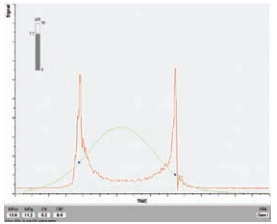
- **IOPcc (Corneal-Compensated IOP)** - An intraocular pressure measurement that is strongly correlated with traditional Goldmann tonometry values, but is less influenced by corneal properties such as elasticity and thickness. IOPcc has been shown to be a better indication of glaucoma than Goldmann tonometry.
- **CH (Corneal Hysteresis)** - A measurement of viscous damping in corneal tissue produced by the dynamic bi-directional applanation process employed in the Ocular Response Analyzer. Compared to normal subjects, glaucomatous subjects have a significantly lower corneal hysteresis (CH). It has been demonstrated that low corneal hysteresis in glaucomatous subjects is independently associated with progression. Accordingly, the CH measurement gives clinicians a new tool to help diagnose glaucoma patients and to determine which patients may need to be treated more aggressively.
- **CRF (Corneal Resistance Factor)** - A measurement of the total visco-elastic response of the cornea during the dynamic bi-directional applanation process employed in the Ocular Response Analyzer. CRF has been shown to be significantly lower in Keratoconus eyes.



Normal Measurement



Suspect Glaucoma Measurement



Suspect Keratoconus Measurement