DETERMINE CENTRAL AND PERIPHERAL DISORDERS
Gaze
Gaze includes the ability to assess for both gaze-evoked nystagmus and spontaneous nystagmus. These tests can be performed with vision or with vision denied. Gaze position displays the exact degree of eye movement. The Gaze graph displays an overview for gaze test, the direction of nystagmus and an indication of robustness.

VOR (Vestibulo-Ocular Reflex)
VOR includes Visual VOR (VVOR) and VOR Suppression (VORS) tests. VOR tests identify the presence or absence of saccadic eye movement in order to simultaneously test for the coexistence of vestibular and cerebellar pathology. The unique design of the goggle presents the suppression stimulus from the goggle in order to assess VORS in any location.

Skew deviation
Skew deviation assesses the patient’s ocular alignment by identifying if vertical ocular misalignment occurs as a result of covering and uncovering the eye.

Saccade
The 3-laser saccade test provides the ability to assess the visual and oculomotor system when presented with rapid goal-directed targets. The saccade test identifies if abnormal eye movements are present when the patient follows the horizontal saccadic stimuli. The stimuli are presented from the goggles. Amplitude, accuracy, velocity and latency of the eye movement are measured.

Easy analysis
For Gaze tests, the superior SPV algorithm developed by renowned vestibular expert Dr. Kamran Barin ensures that nystagmus beats are identified even if the nystagmus is weak. Analysis of the horizontal and vertical traces are automatically analyzed and displayed on the same screen. For VOR tests, easily observe head and eye velocity traces and determine the presence or absence of catch-up saccades. And for Skew Deviation, mark when the eye is covered and uncovered with the use of a presentation remote. The average eye position shift is calculated for both horizontal and vertical eye movement. The saccade test displays in 3 graphs with normative data.

Superior playback
Eye position or velocity trace, head velocity trace, eye video, SPV graph, head position feedback or room video all play back synchronously. The data can be played back in normal speed or slow motion, with the option to play back the entire data collection or start from where the cursor is set. Playback allows you to review all components of the data collection.

* Optional Torsional Analysis Available