Nike SPARQ Sensory Performance is a system of state-of-the-art technologies, products and programs designed to assess, analyze and improve visual and sensory performance for the modern athlete.
Assessment is the first step in improving an athlete's performance. The Nike SPARQ Sensory Station employs revolutionary equipment to evaluate athletes on 10 sport relevant vision and sensory performance skills.

**HD Monitor Assessments**

- **Visual Endurance:** How accurately an athlete tracks a target.
- **Visual Clarity:** How clearly an athlete sees distant details.
- **Contrast Sensitivity:** How accurately an athlete judges differences in contrast.
- **Depth Perception:** How quickly and accurately an athlete judges two-eyed depth and distance information.
- **Near-Far Quickness:** How quickly and accurately an athlete changes attention between distances.

**Touch Screen Monitor**

- **Target Capture:** How rapidly an athlete visually shifts and recognizes a peripheral target.
- **Perception Span:** How quickly an athlete visually acquires critical information.
- **Eye-Hand Coordination:** How quickly and accurately an athlete makes visually-guided hand responses to rapidly changing targets.
- **Go/No Go:** How quickly and accurately an athlete makes decisions and reacts in pressure situations.
- **Hand Reaction Time:** How quickly an athlete's hand reacts in response to visual stimulus.

**NIKE SPARQ SENSORY STATION:**
The Journey To Improvement Starts With Assessment.

The Nike SPARQ Sensory Station is a state-of-the-art sensory evaluation and training station, which assesses athletes of all levels on 10 visual-sensory performance skills.
Analysis takes the raw data captured during assessment and transforms it into information to empower athletes.

The SPARQ Sensory Performance Profile compares an athlete's results to other athletes at their sport, position and skill level in order to illuminate existing strengths, uncover areas of opportunity and provide individualized roadmaps for improvement.

NIKE SPARQ SENSORY PERFORMANCE PROFILE:

Initial Assessment
Every athlete evaluated through the Nike SPARQ Sensory Station receives a performance profile. Each clearly illustrates an athlete's visual and sensory performance results against their peers and prescribes a road map for improvement. This sample profile is an example of an athlete who would benefit from having their vision corrected by their eye care practitioner. Additionally, recommended training is prescribed to address opportunities for improvement.

Post Hardware Correction
This profile displays the same athlete's visual and sensory performance results after his vision was corrected. There are immediate improvements across many tested skills. Tools to address areas of opportunity are prescribed.

INITIAL ASSESSMENT

Post Hardware Correction
This profile displays the same athlete's visual and sensory performance results after his vision was corrected. There are immediate improvements across many tested skills. Tools to address areas of opportunity are prescribed.

Top Right:
Initial Assessment

Bottom Right:
Post Hardware Correction
NIKE SPARQ VAPOK STROBE:
Sensory Performance Training Eyewear

Step 1: DBs line up five yards apart, ten yards downfield from the line of scrimmage. QB/Coach simulates snap at the line of scrimmage. This drill can be for the WR, the QB or both at the same time.

Step 2: After the snap and a five-step drop, the WR sprints across the field roughly five yards behind the DBs. Every DB has the option to either remain in place or move to the left or right as the QB drops back. It is up to the WR to find the "window" between the DBs and either slow down or speed up to get open as the QB delivers the ball.

Strobe Integrated Training Drill Example:
Wide Receiver Window: Successful wide receivers learn to find space in traffic. This drill is designed to train the wide receiver to identify the openings created by a defense in constant motion and make himself available to the quarterback in that "window" for as long as possible.

Based on what is discovered through assessment and prescribed through analysis, Nike SPARQ Sensory Performance provides multiple tools designed to help an athlete improve:

NIKE SPARQ Vapor Strobe

Liquid crystal technology enables the lenses to flicker between clear and opaque, removing visual information and forcing the athlete to become more efficient.

Nike SPARQ Vapor Strobe is eyewear developed to improve the connection between the athlete's eyes, brain and body.

IMPROVE
NIKE SPARQ SENSORY TRAINING STATION:
Visual And Sensory Training For Improved Performance

The Nike SPARQ Sensory Training Station uses software-based training modules to improve eye-hand coordination, decision making and depth perception.

Training Modules:

- **Decision Making (Go/No Go):** Improves quickness and accuracy in decision making.
- **Split Attention:** Improves ability to simultaneously maintain attention on a verbal task while responding to a peripheral eye-hand motor task.
- **Depth Perception:** Improves speed and accuracy in judging two-eyed depth information through multiple gaze positions.
- **Eye-Hand Coordination:** Improves speed and accuracy of responses to changing targets.

VISION TRAINING UNIT:
Additional Sensory Performance Training Tools

This well mounted sensory performance training unit is designed to target improvement in depth perception, near/far quickness, target capture, eye-hand coordination and visual endurance.

Each unit contains Brock String, Marsden Ball and Near/Far charts.